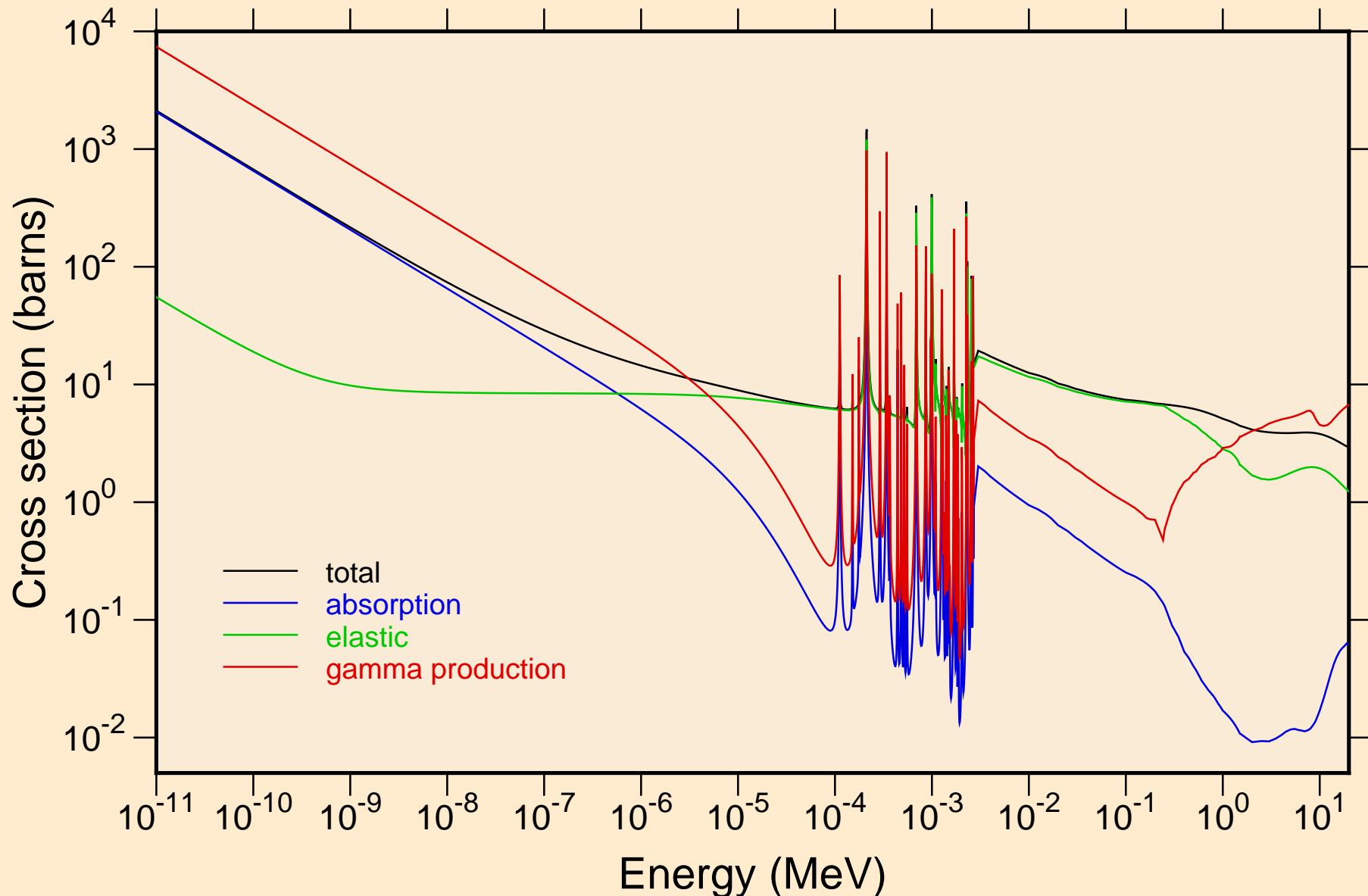
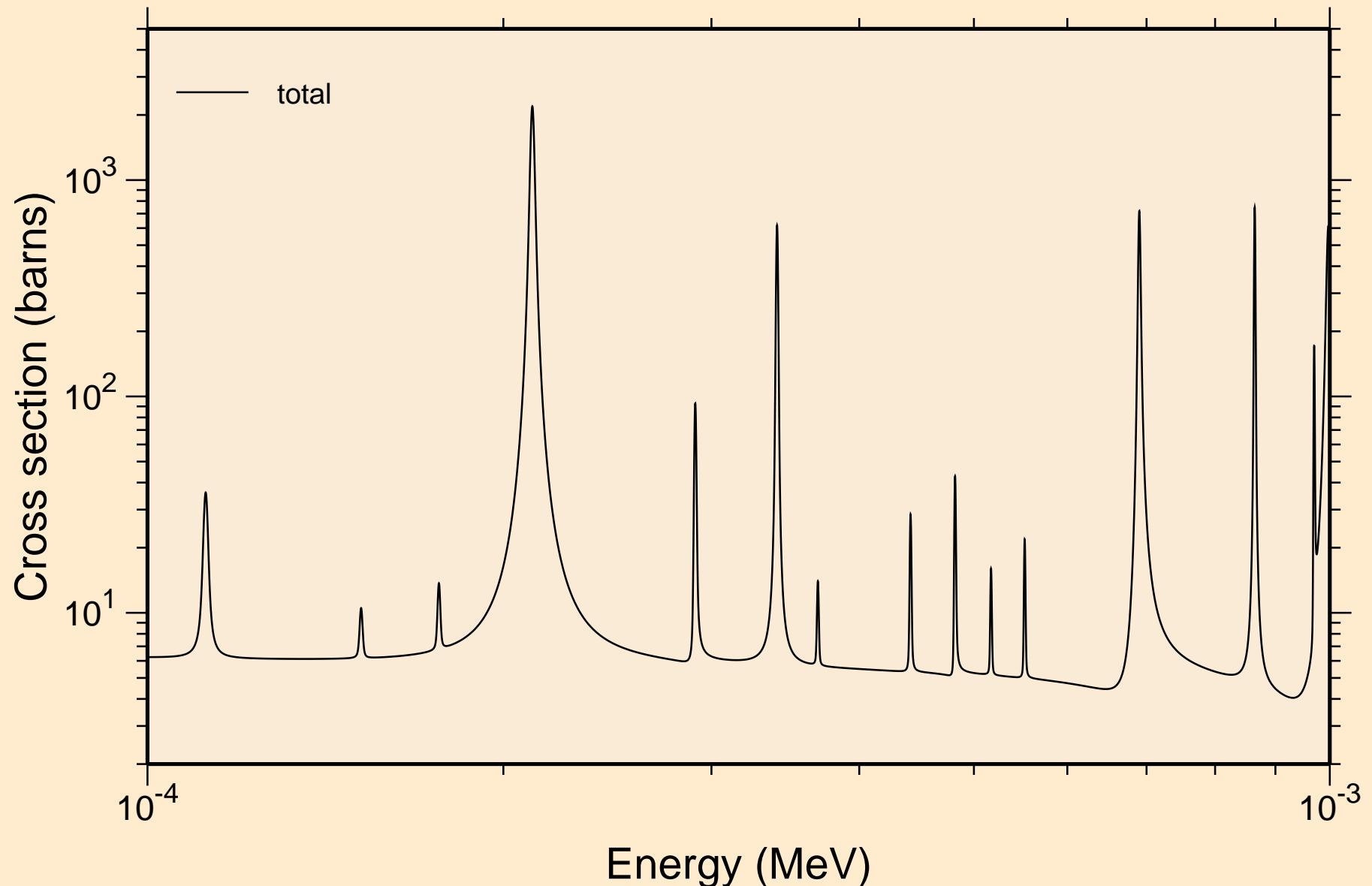


# JENDL-4 SE-77

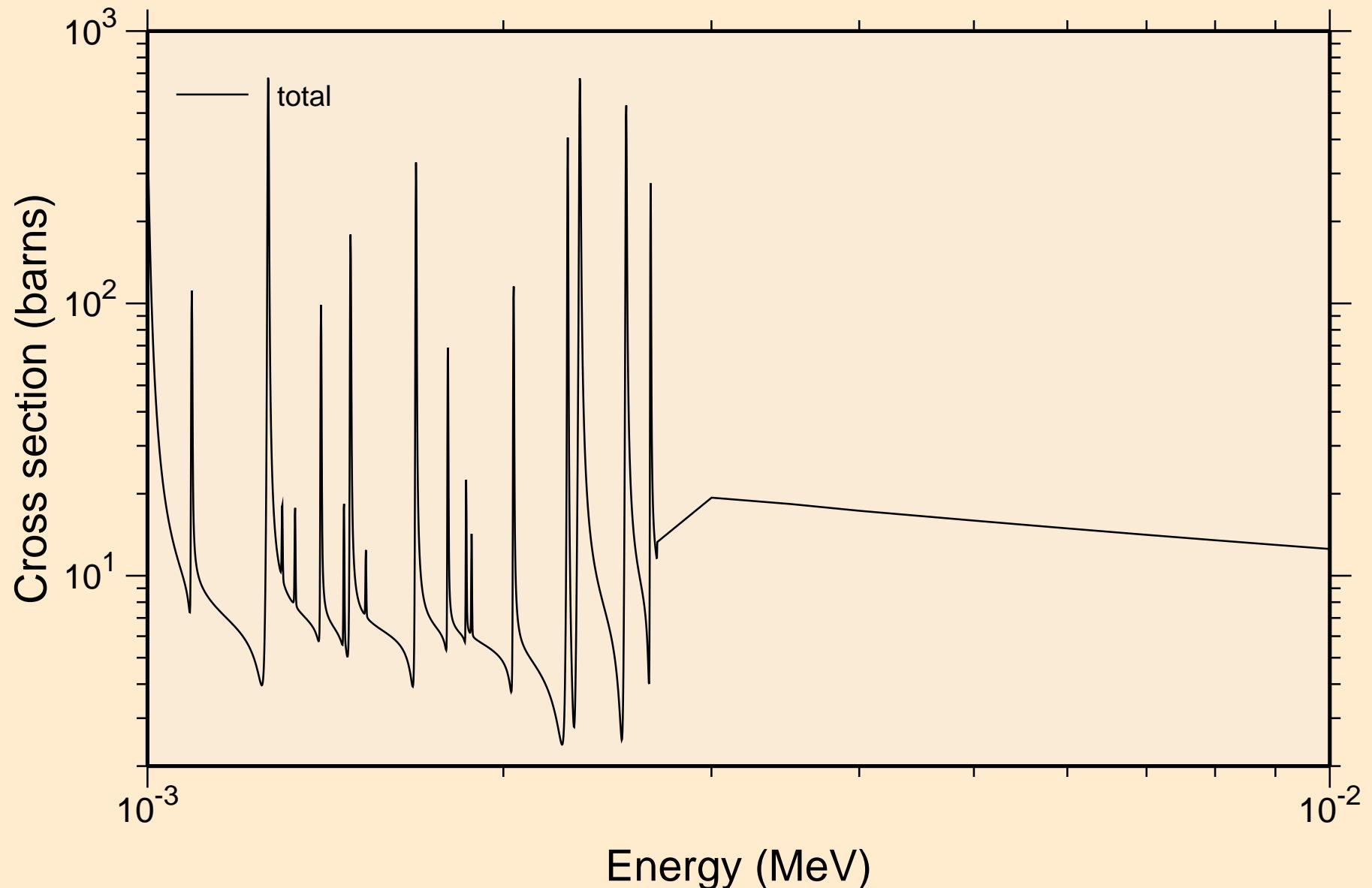
## Principal cross sections



JENDL-4 SE-77  
resonance total cross section

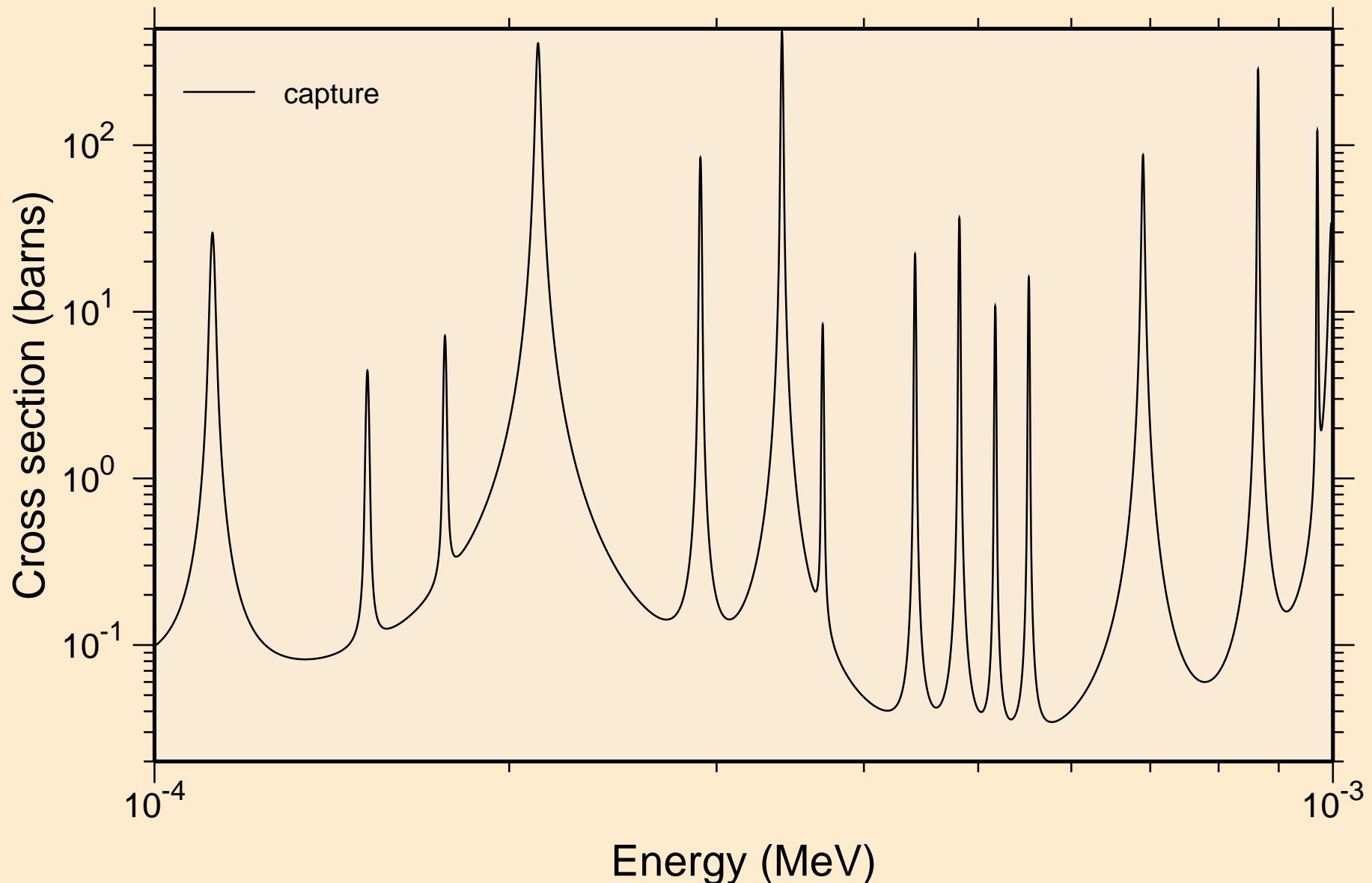


JENDL-4 SE-77  
resonance total cross section

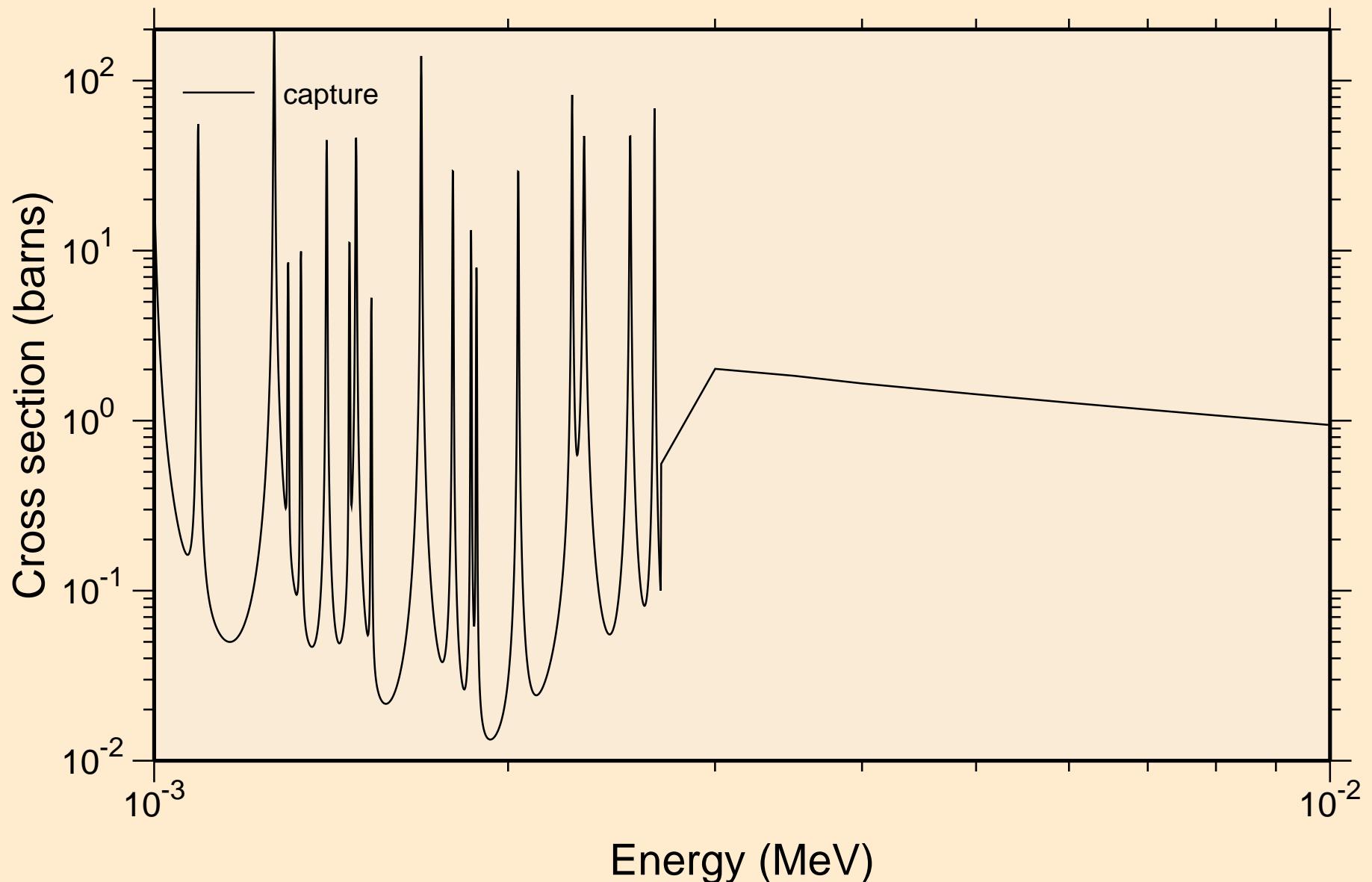


# JENDL-4 SE-77

## resonance absorption cross sections

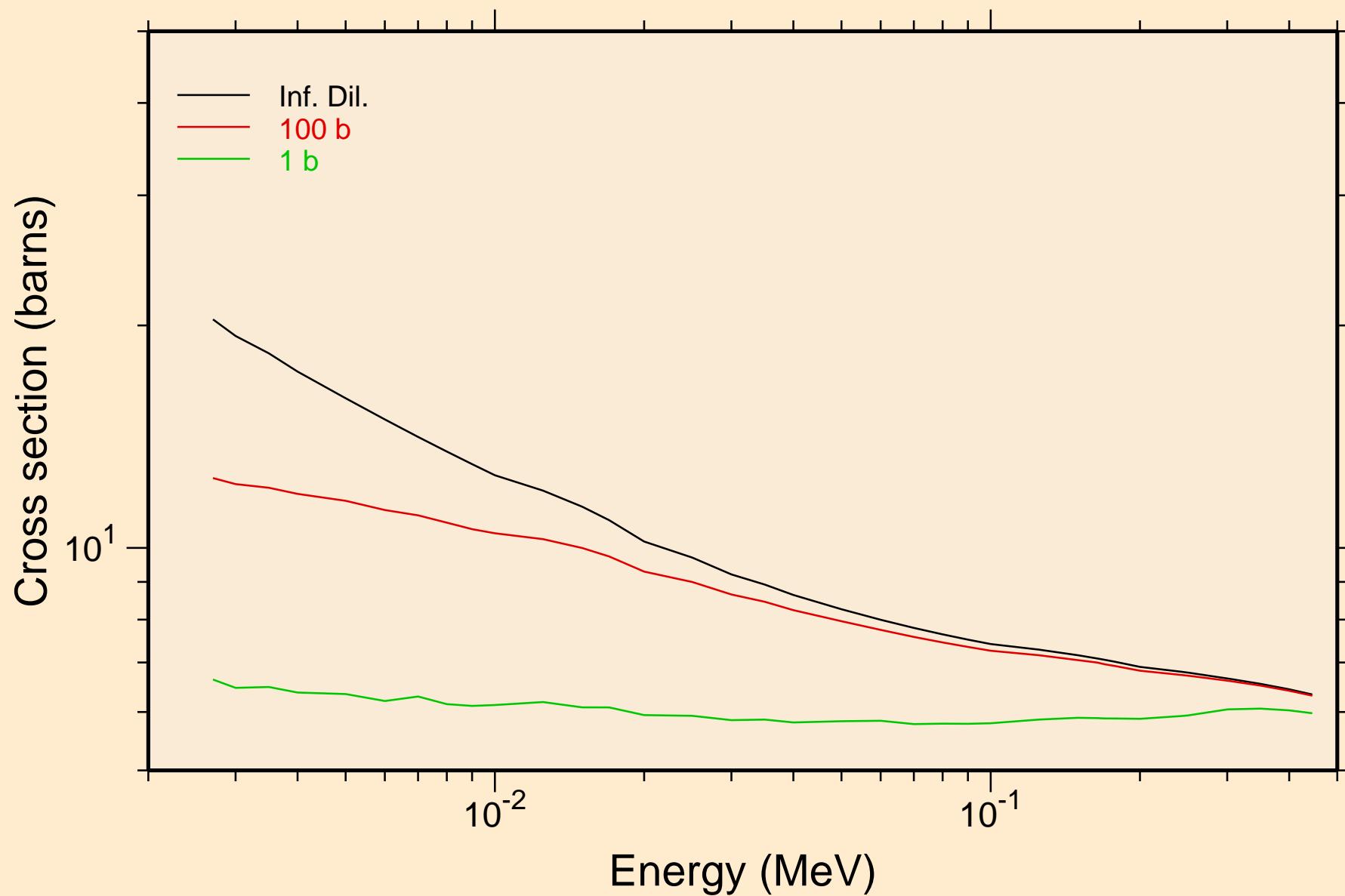


JENDL-4 SE-77  
resonance absorption cross sections



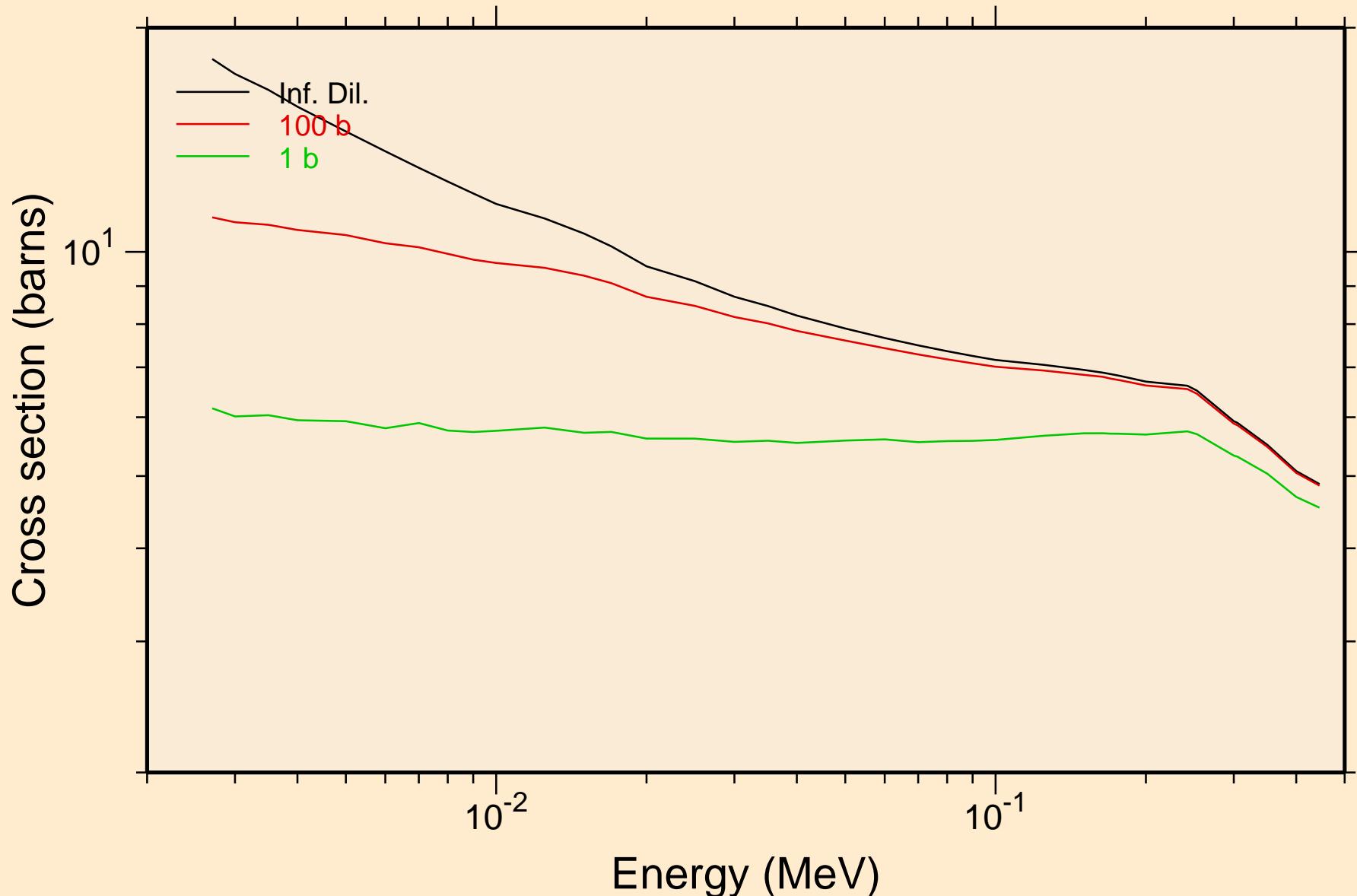
# JENDL-4 SE-77

## UR total cross section



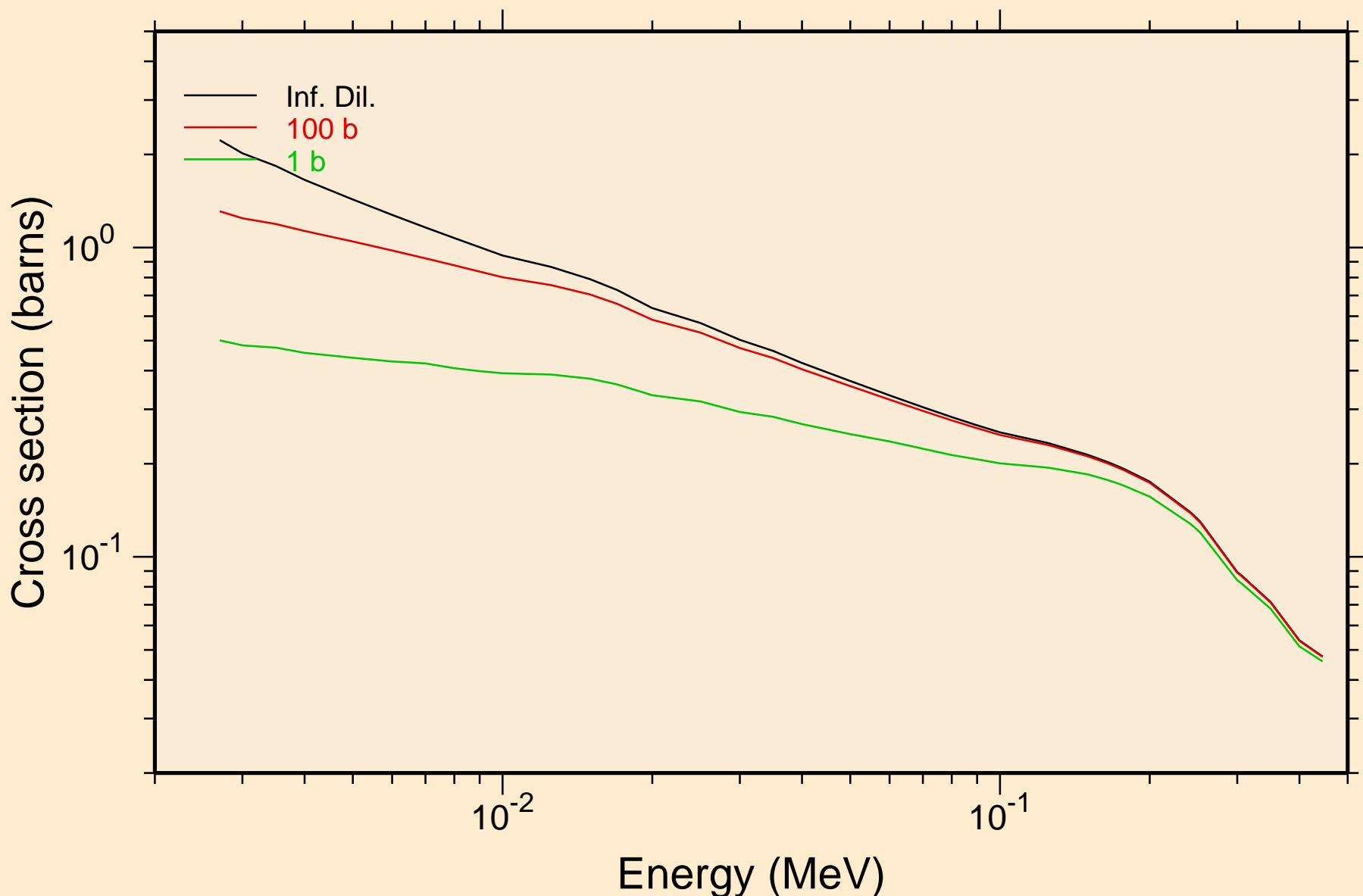
# JENDL-4 SE-77

## UR elastic cross section

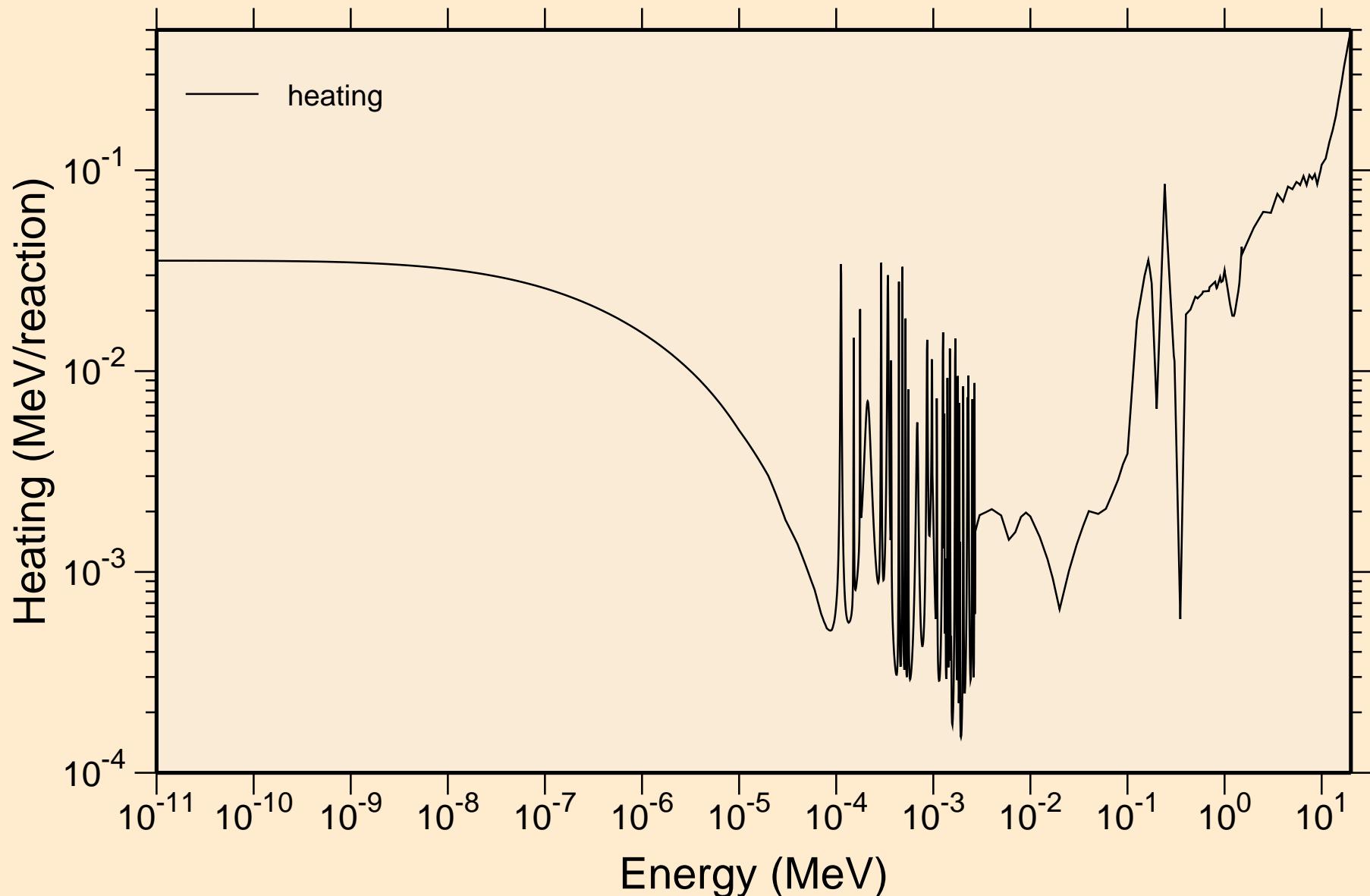


# JENDL-4 SE-77

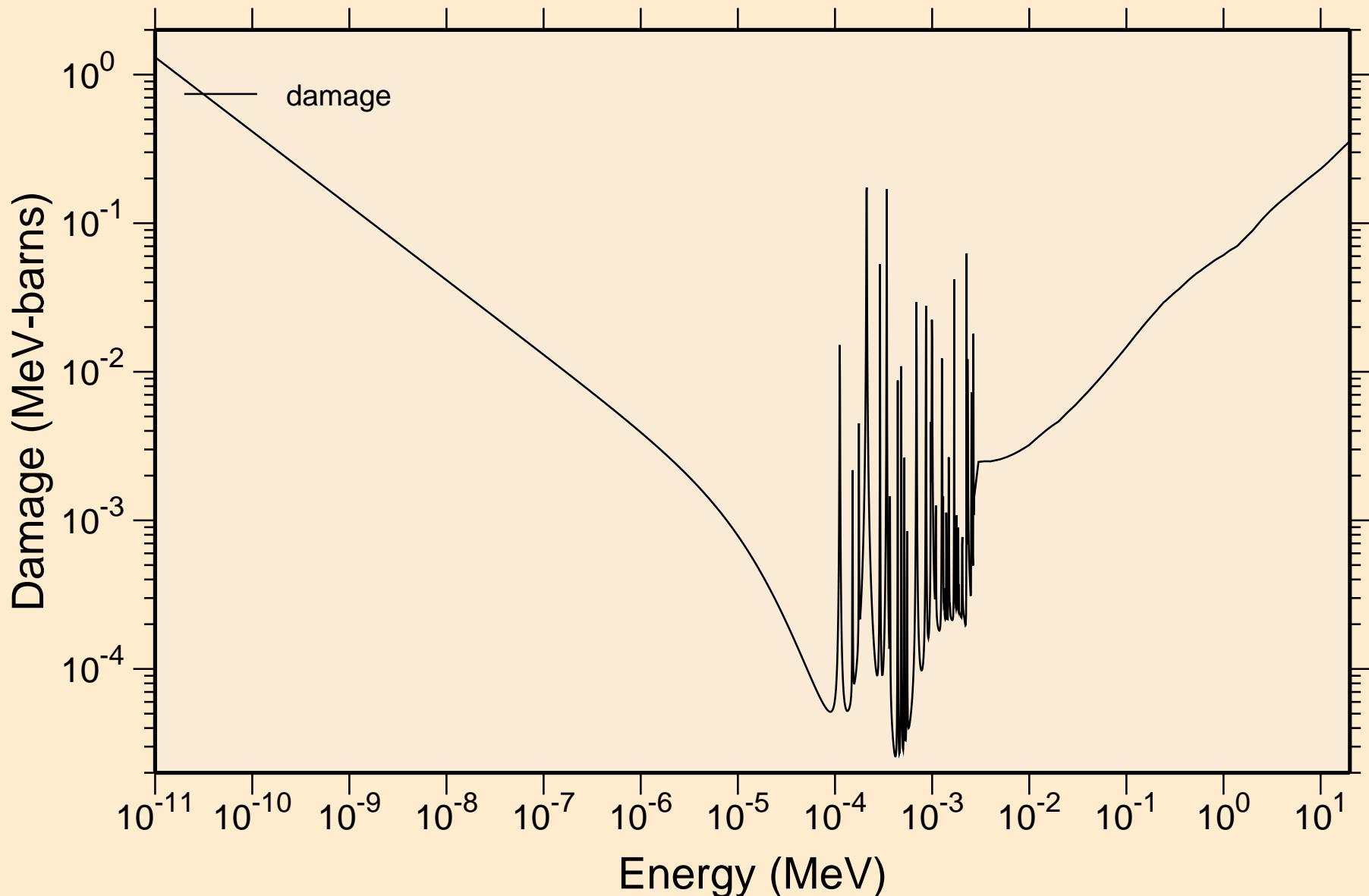
## UR capture cross section



JENDL-4 SE-77  
Heating

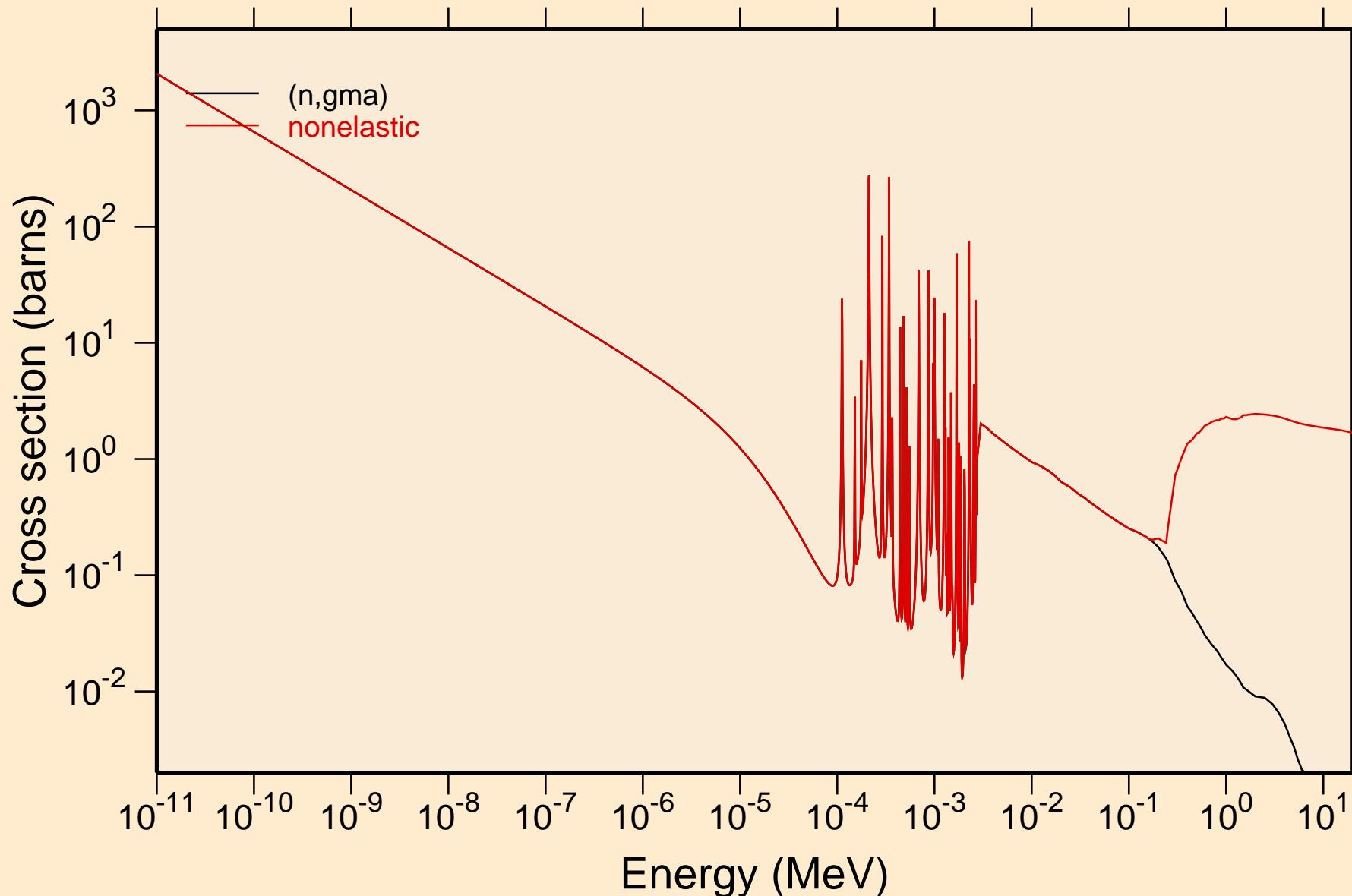


JENDL-4 SE-77  
Damage

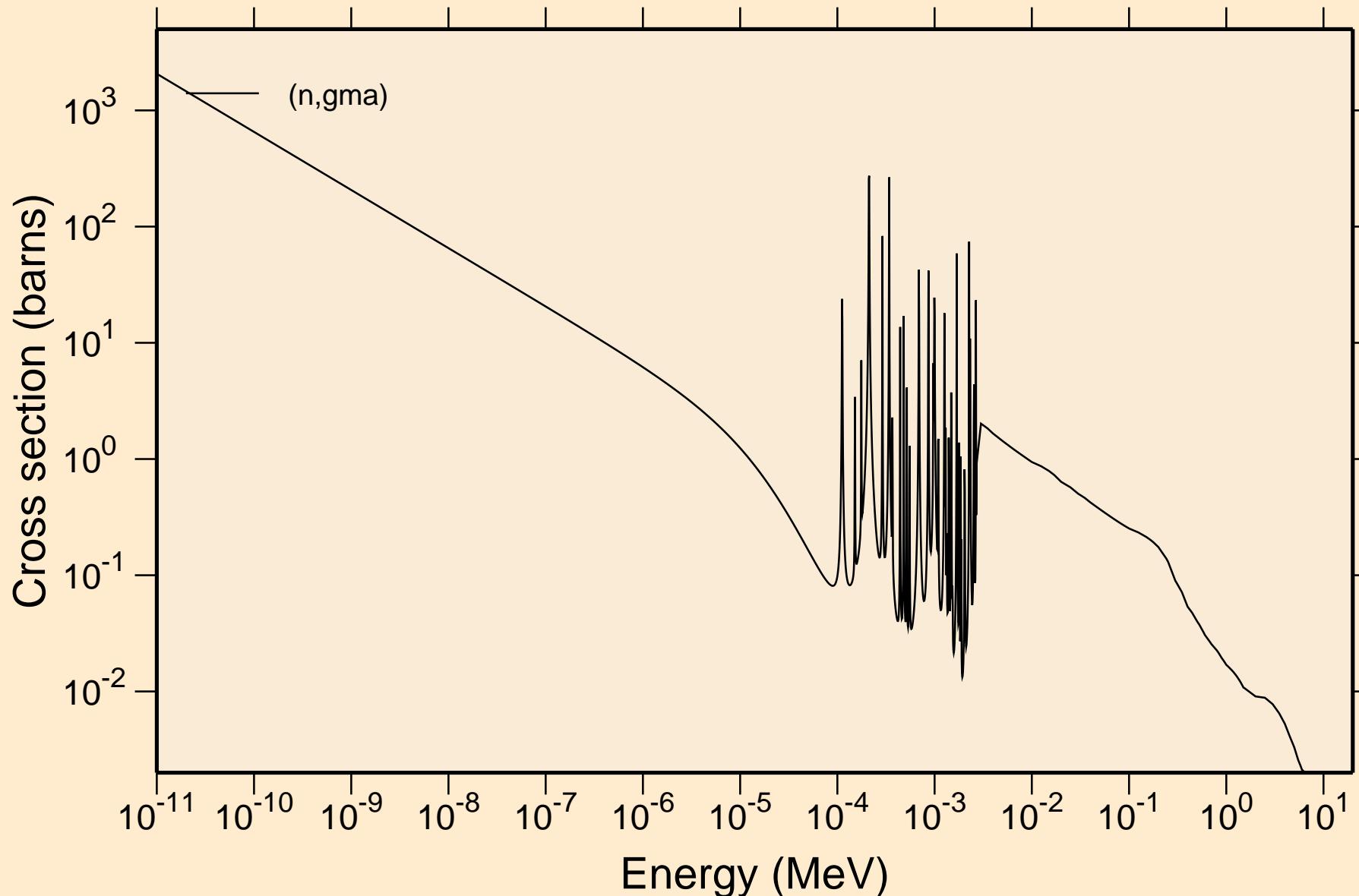


# JENDL-4 SE-77

## Non-threshold reactions

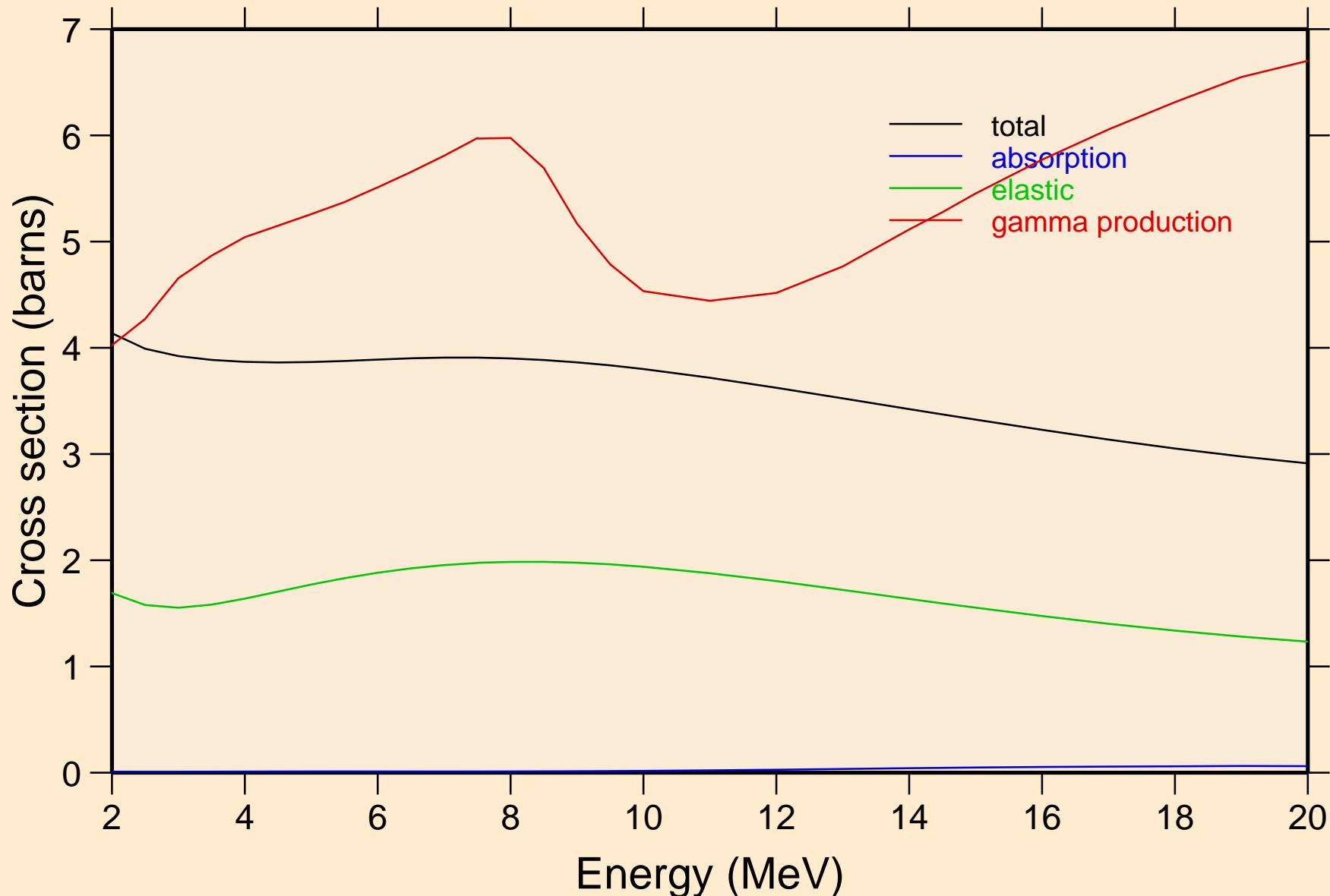


JENDL-4 SE-77  
Non-threshold reactions

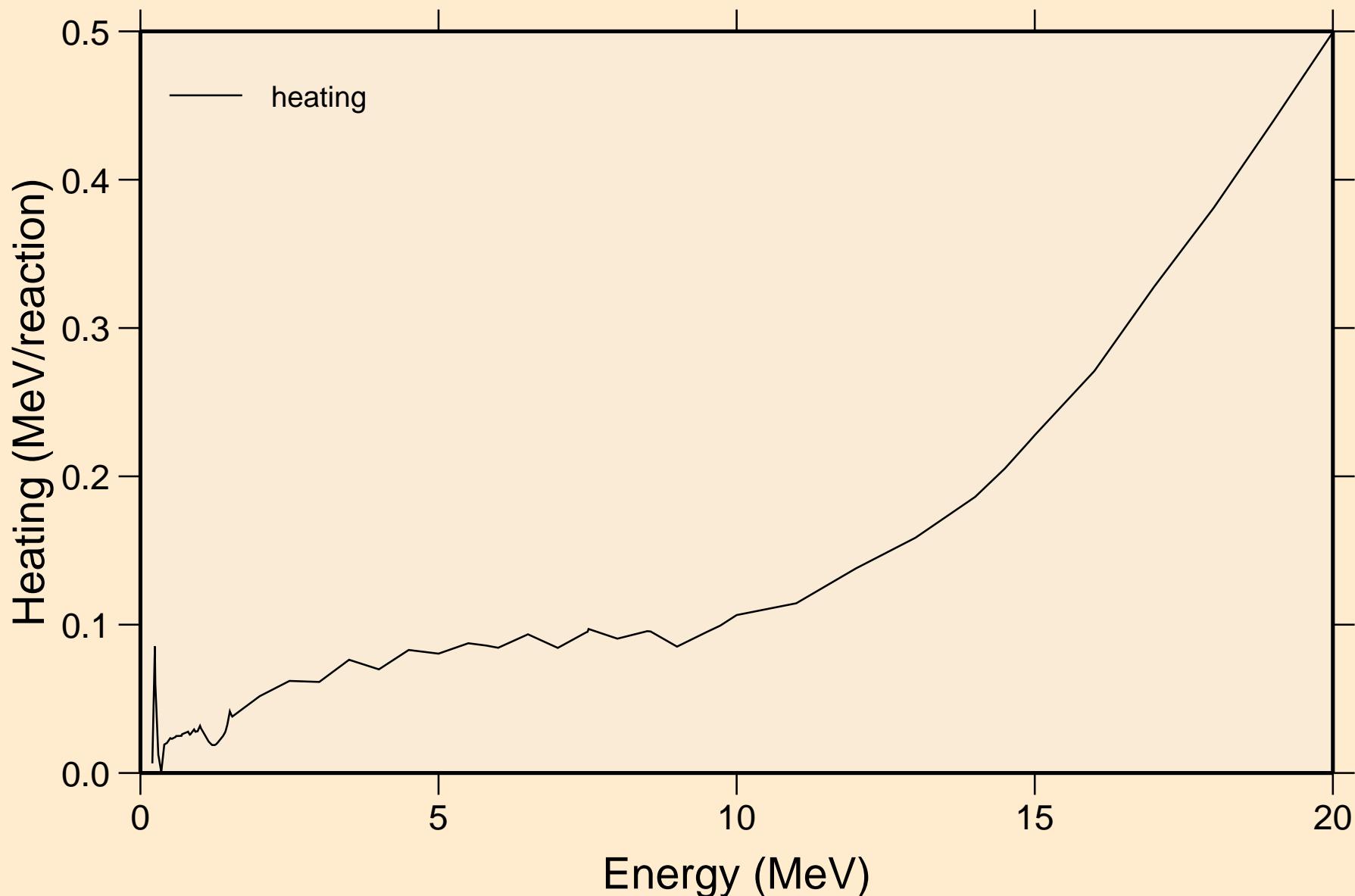


# JENDL-4 SE-77

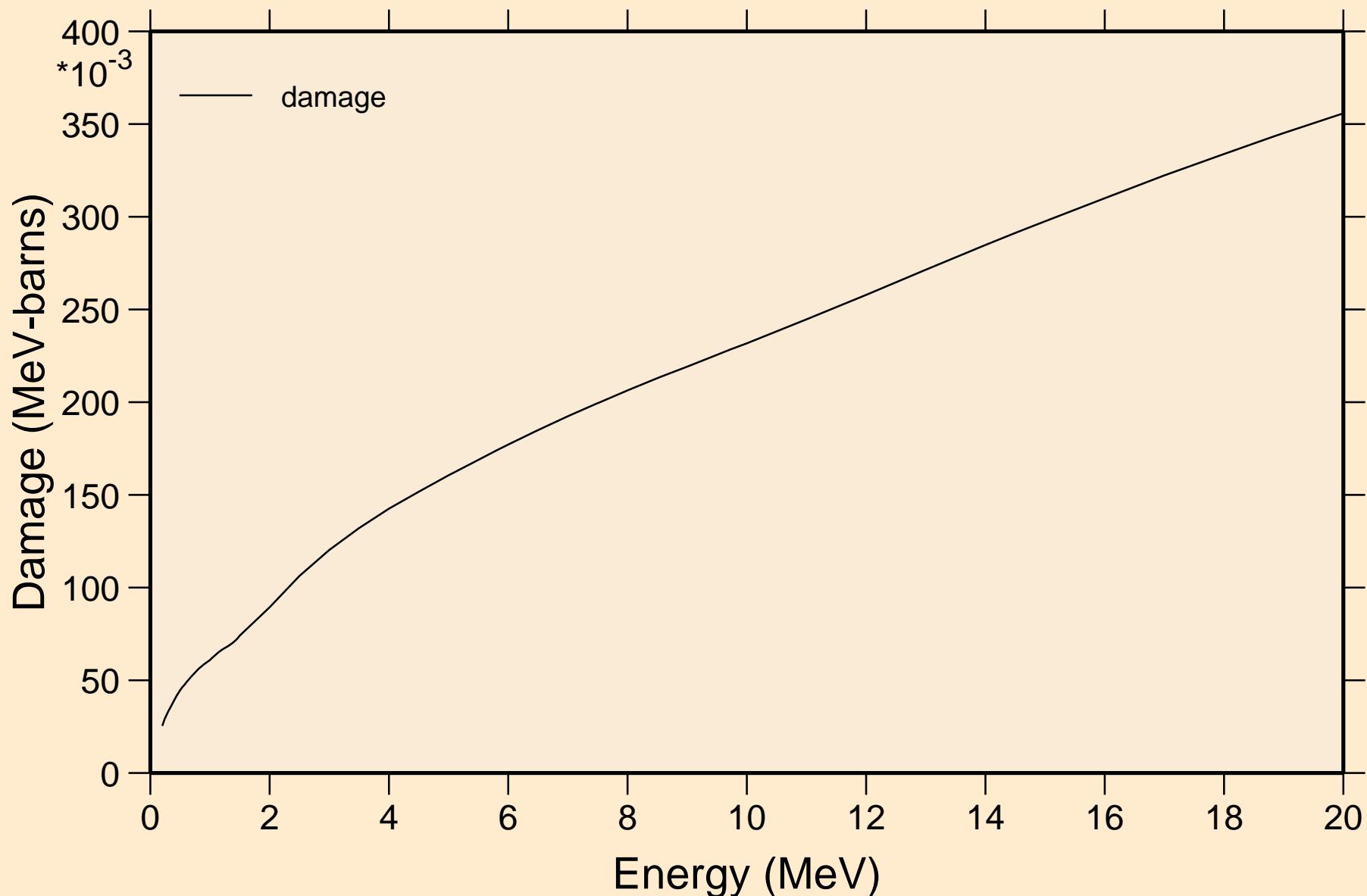
## Principal cross sections



JENDL-4 SE-77  
Heating

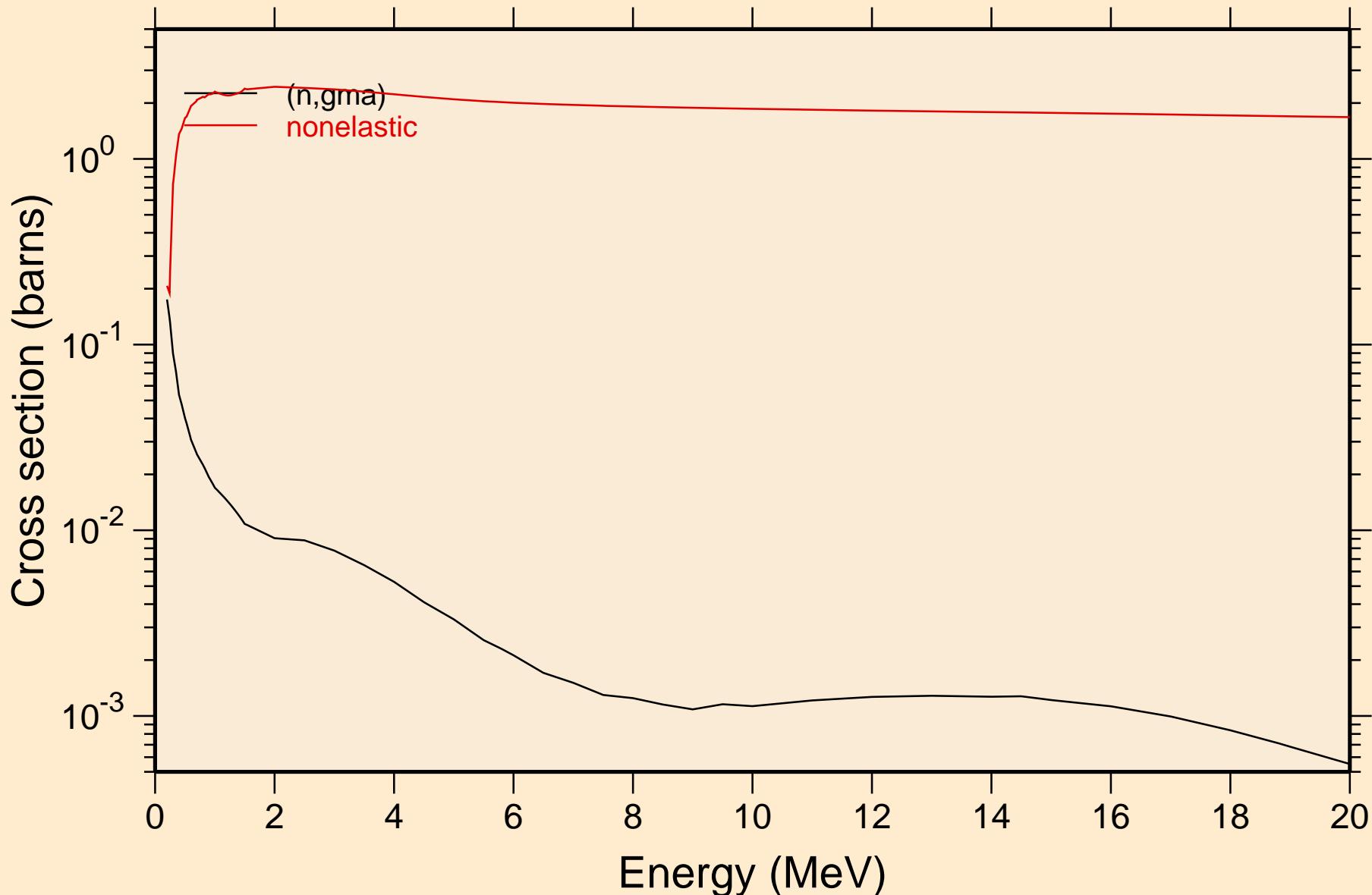


JENDL-4 SE-77  
Damage

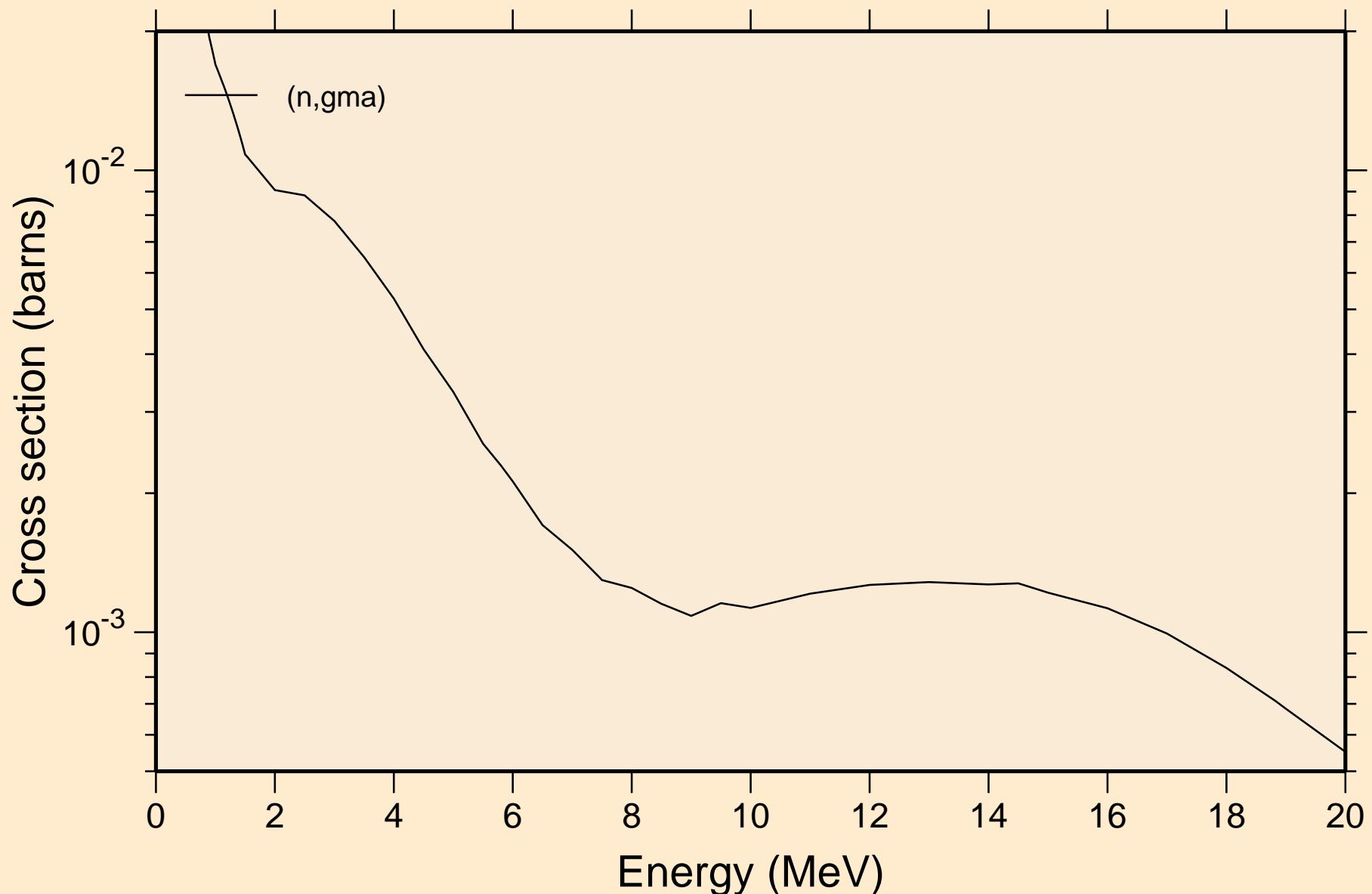


# JENDL-4 SE-77

## Non-threshold reactions

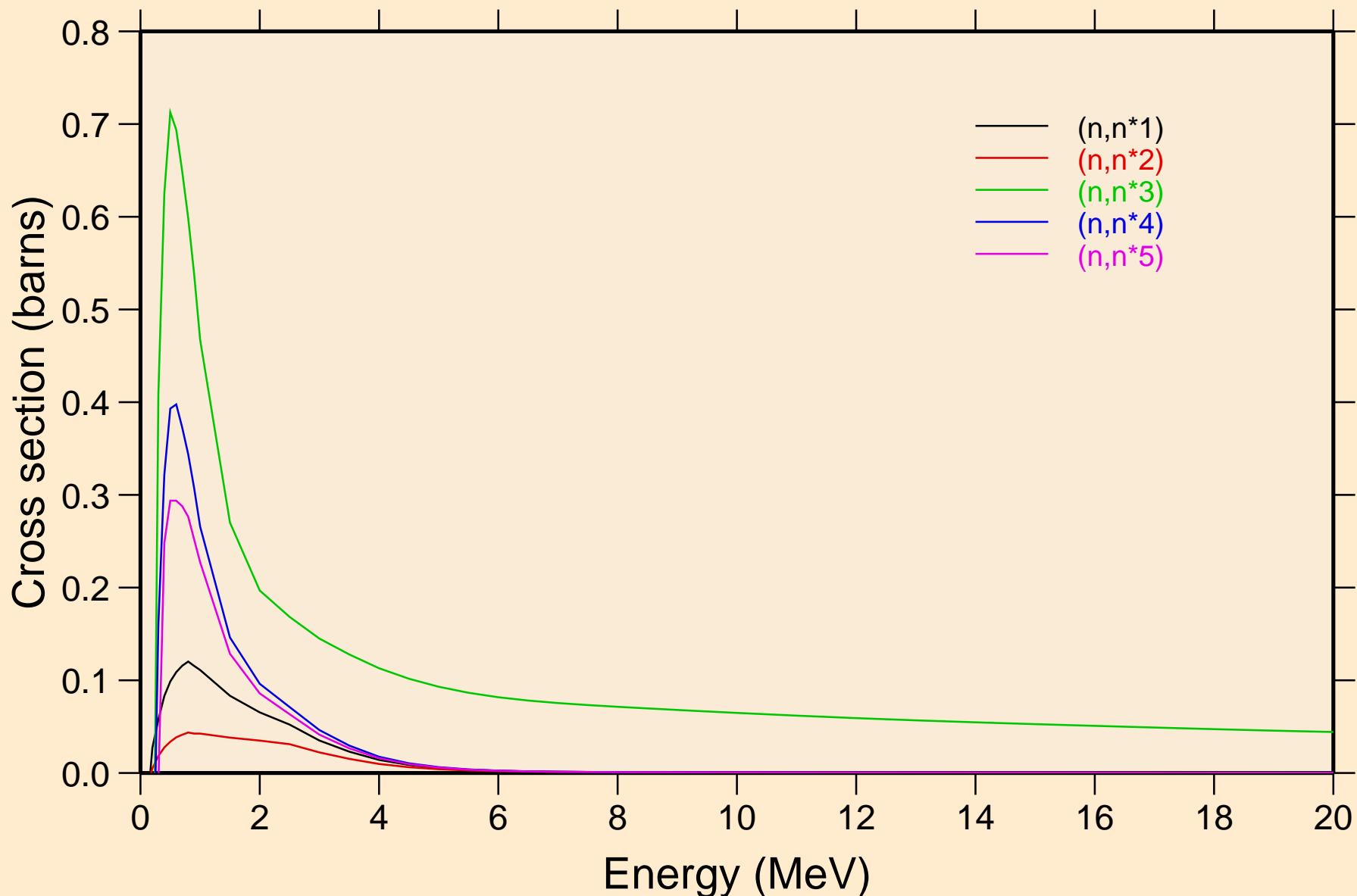


JENDL-4 SE-77  
Non-threshold reactions



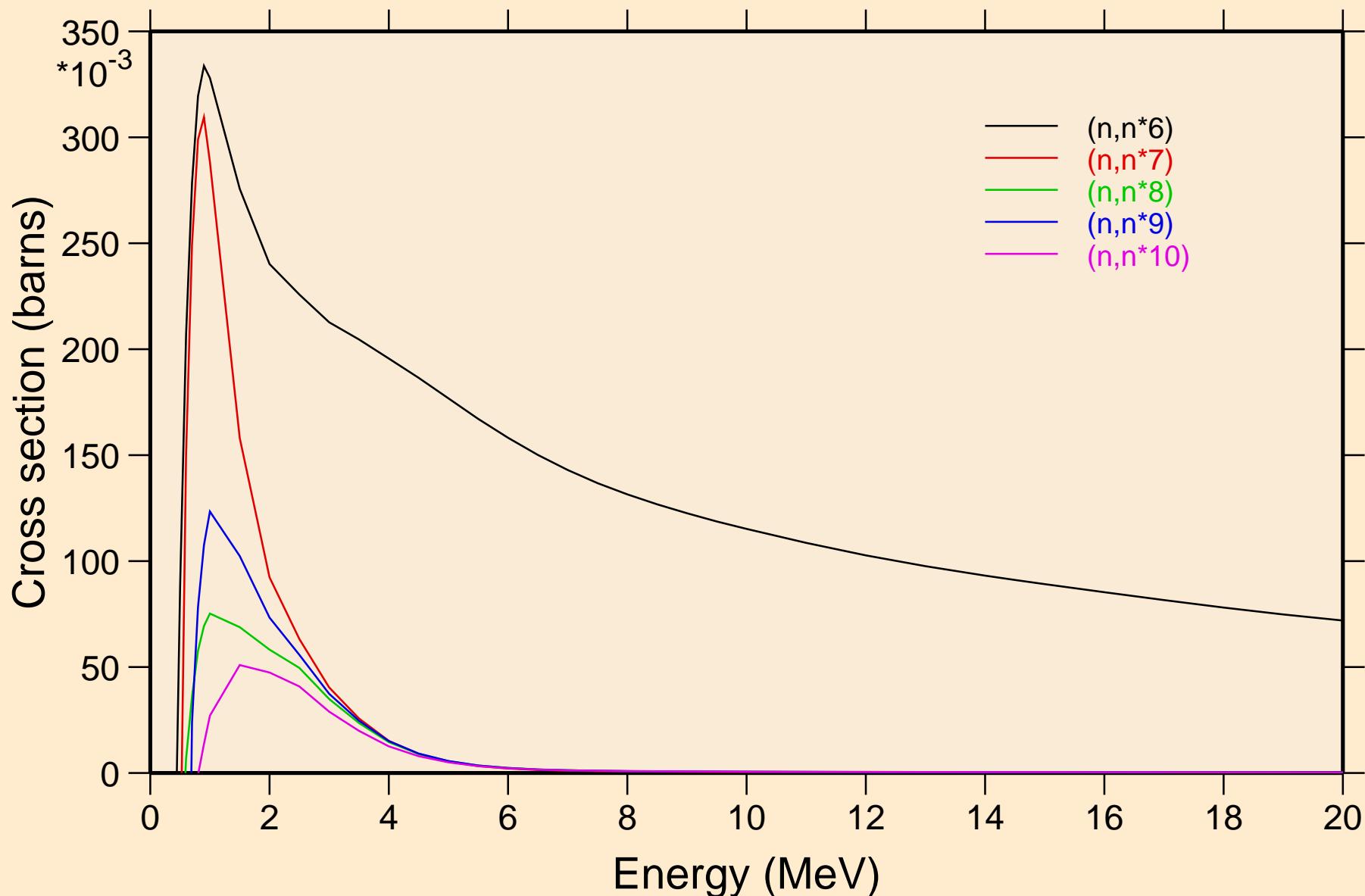
# JENDL-4 SE-77

## Inelastic levels



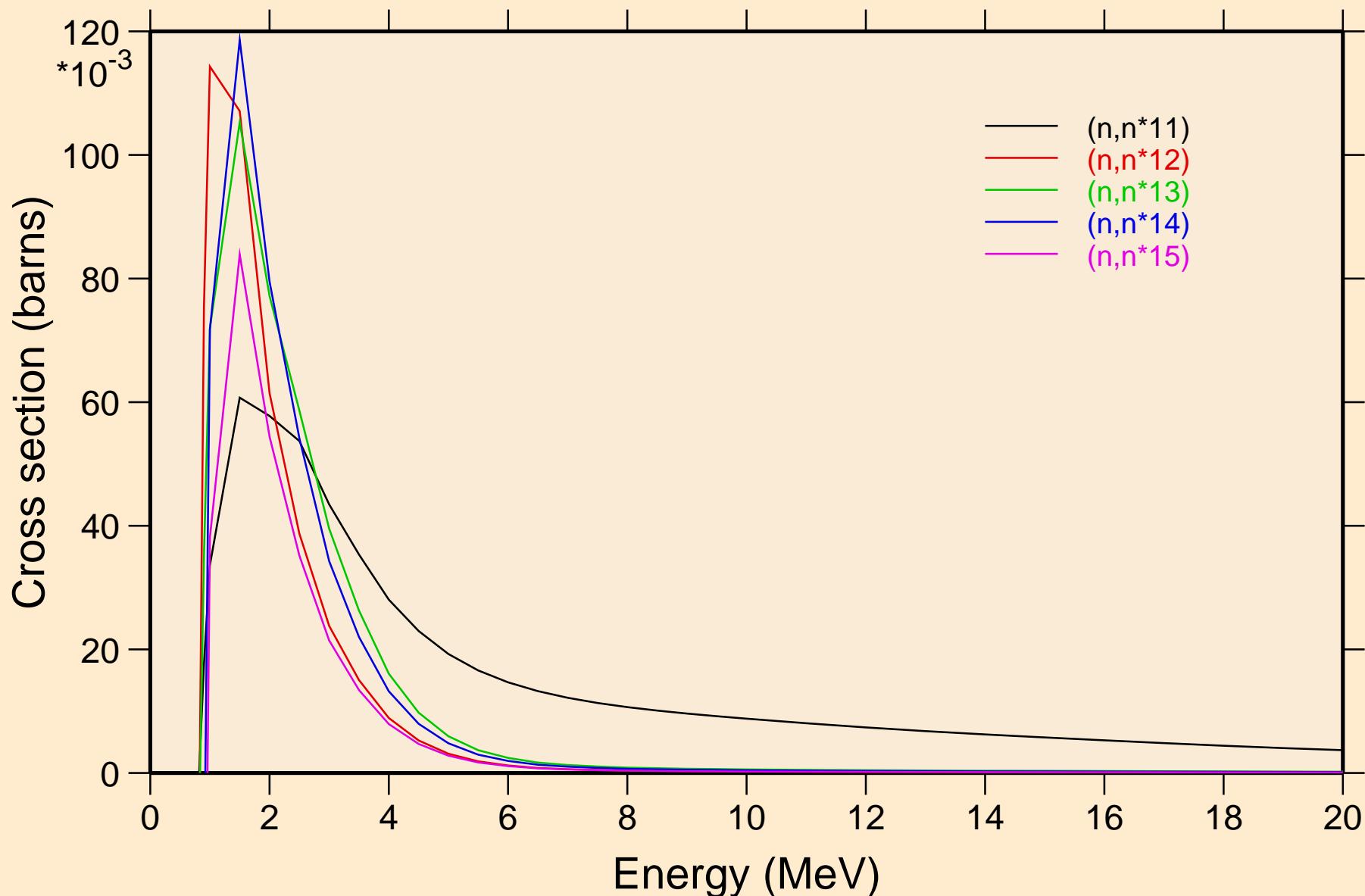
# JENDL-4 SE-77

## Inelastic levels



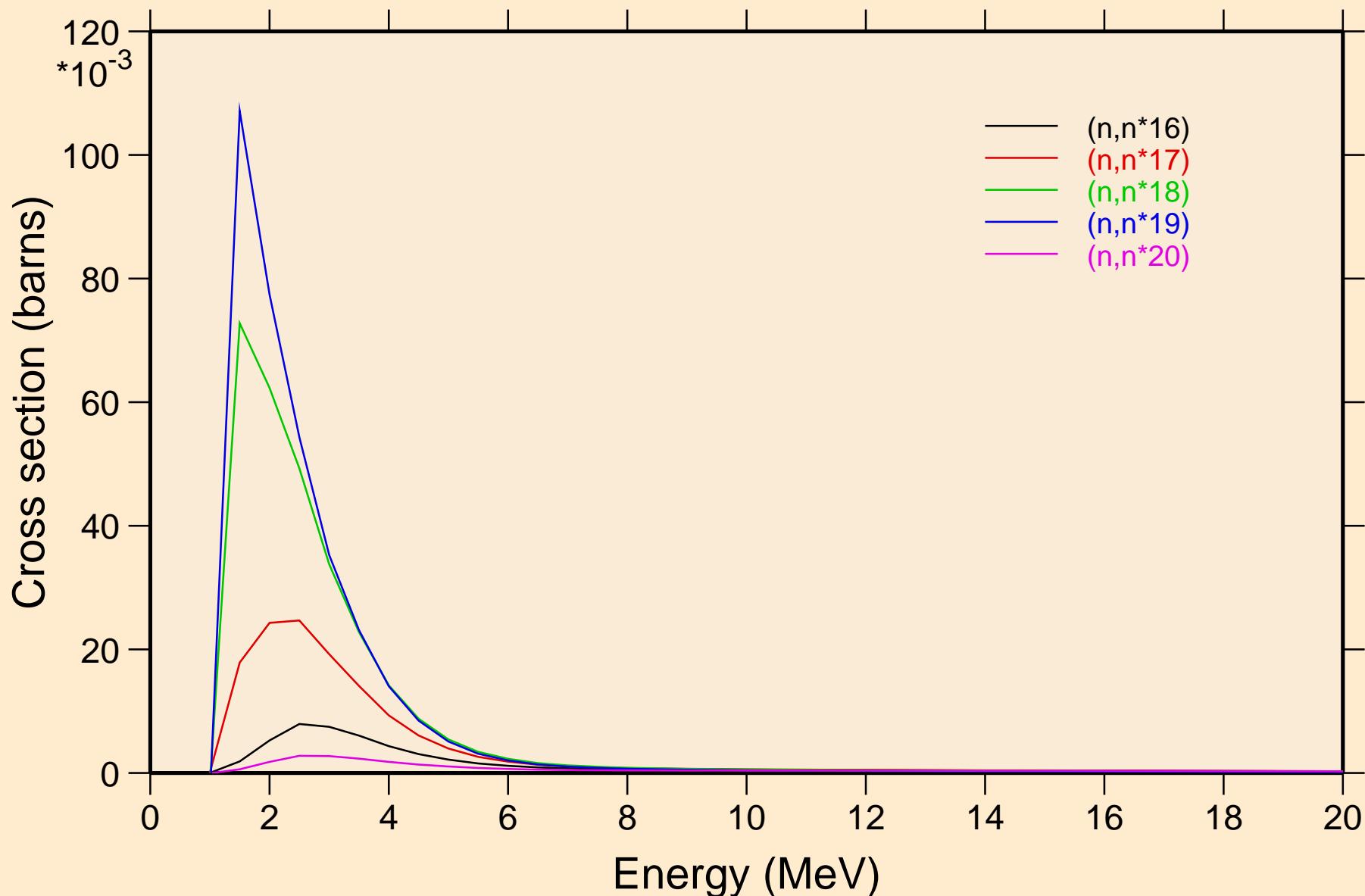
# JENDL-4 SE-77

## Inelastic levels

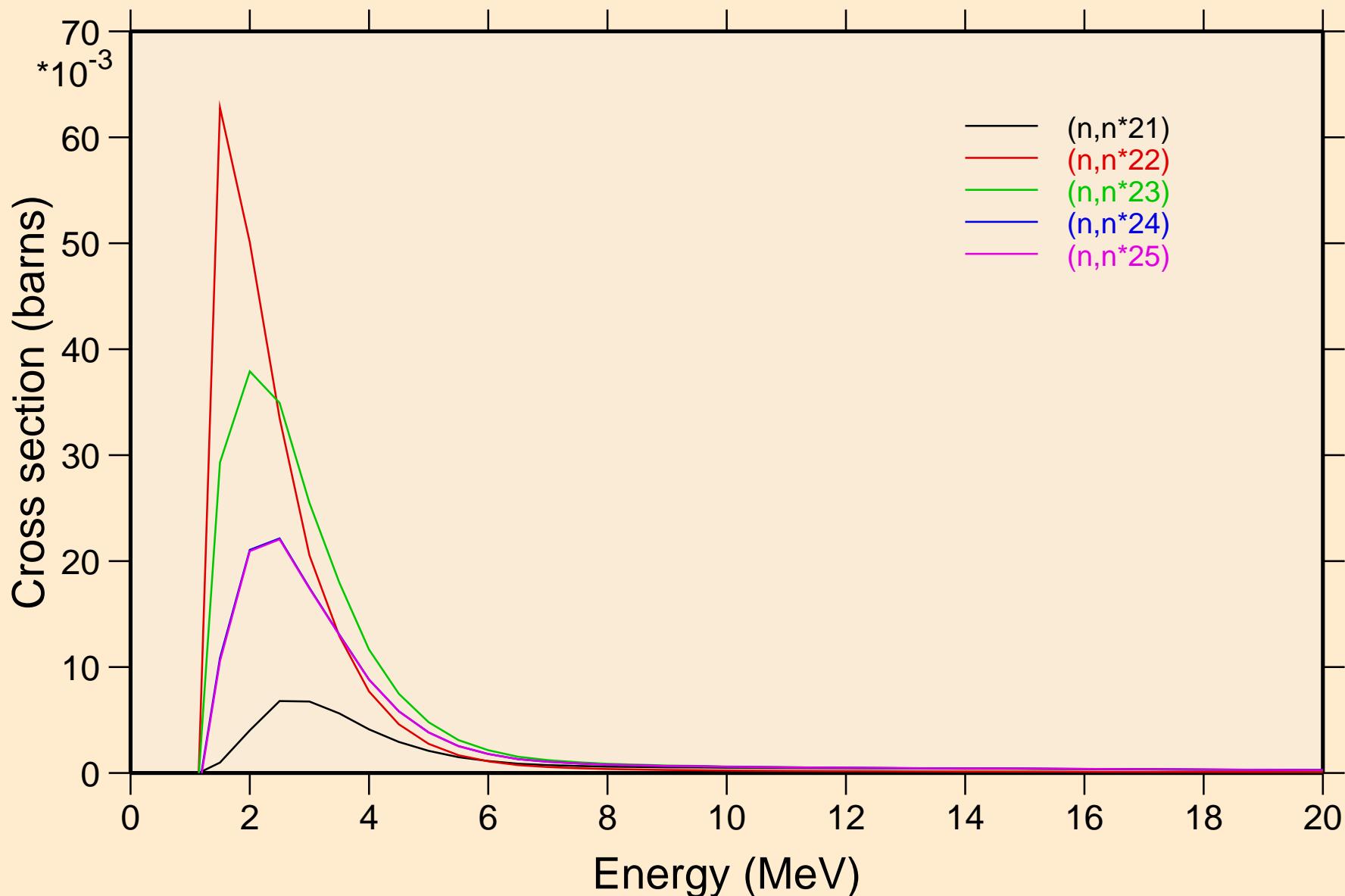


# JENDL-4 SE-77

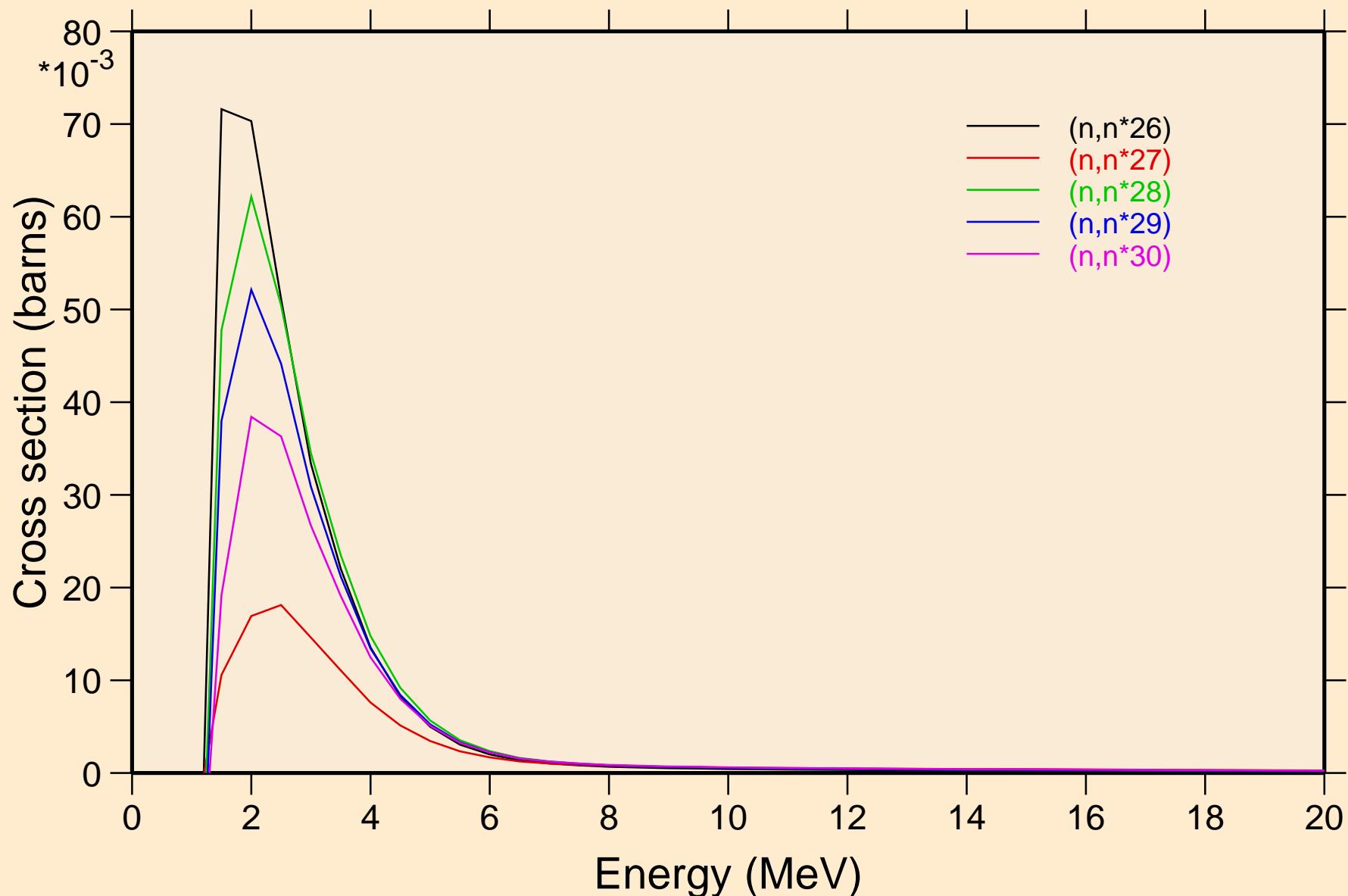
## Inelastic levels



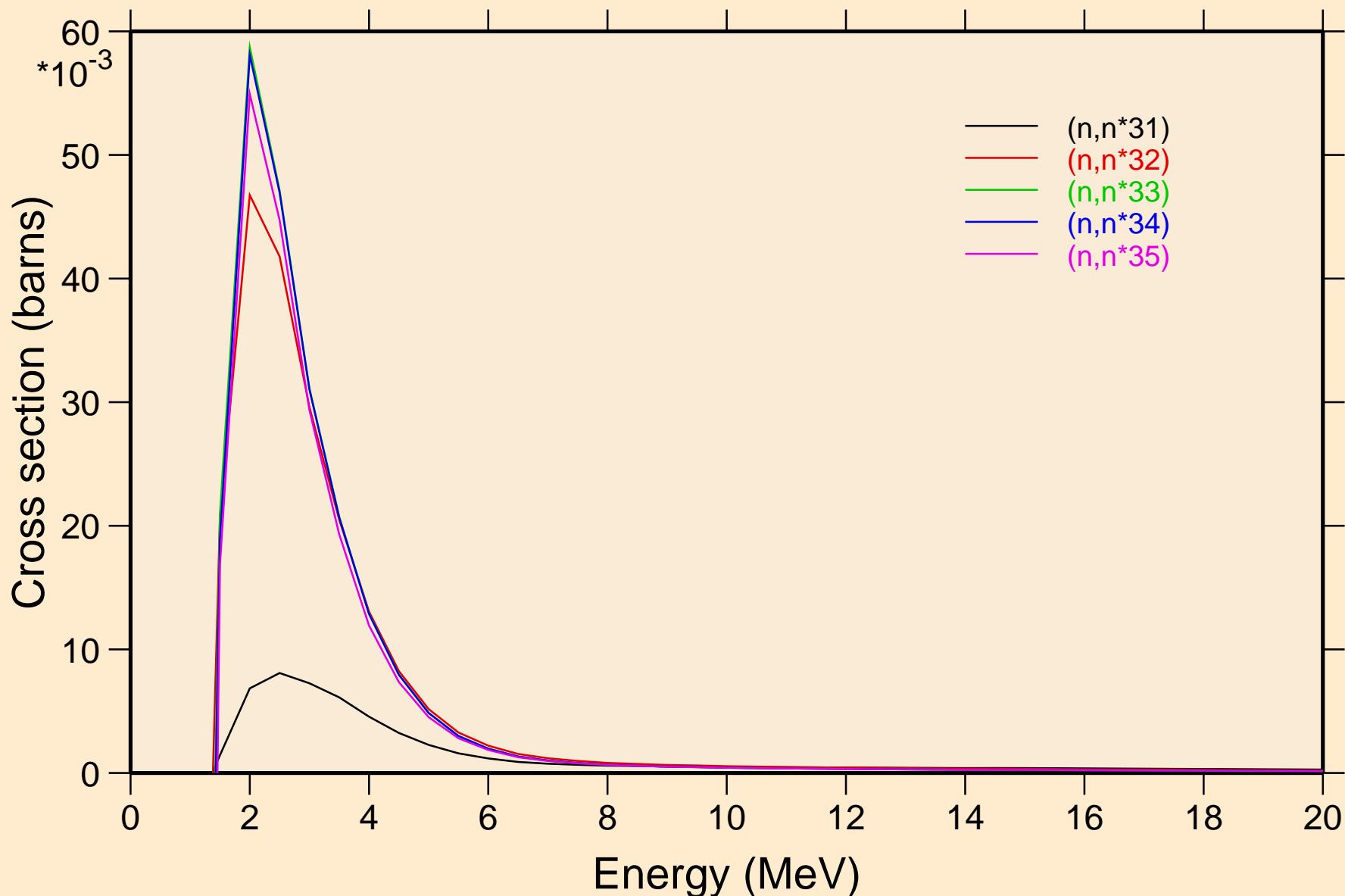
JENDL-4 SE-77  
Inelastic levels



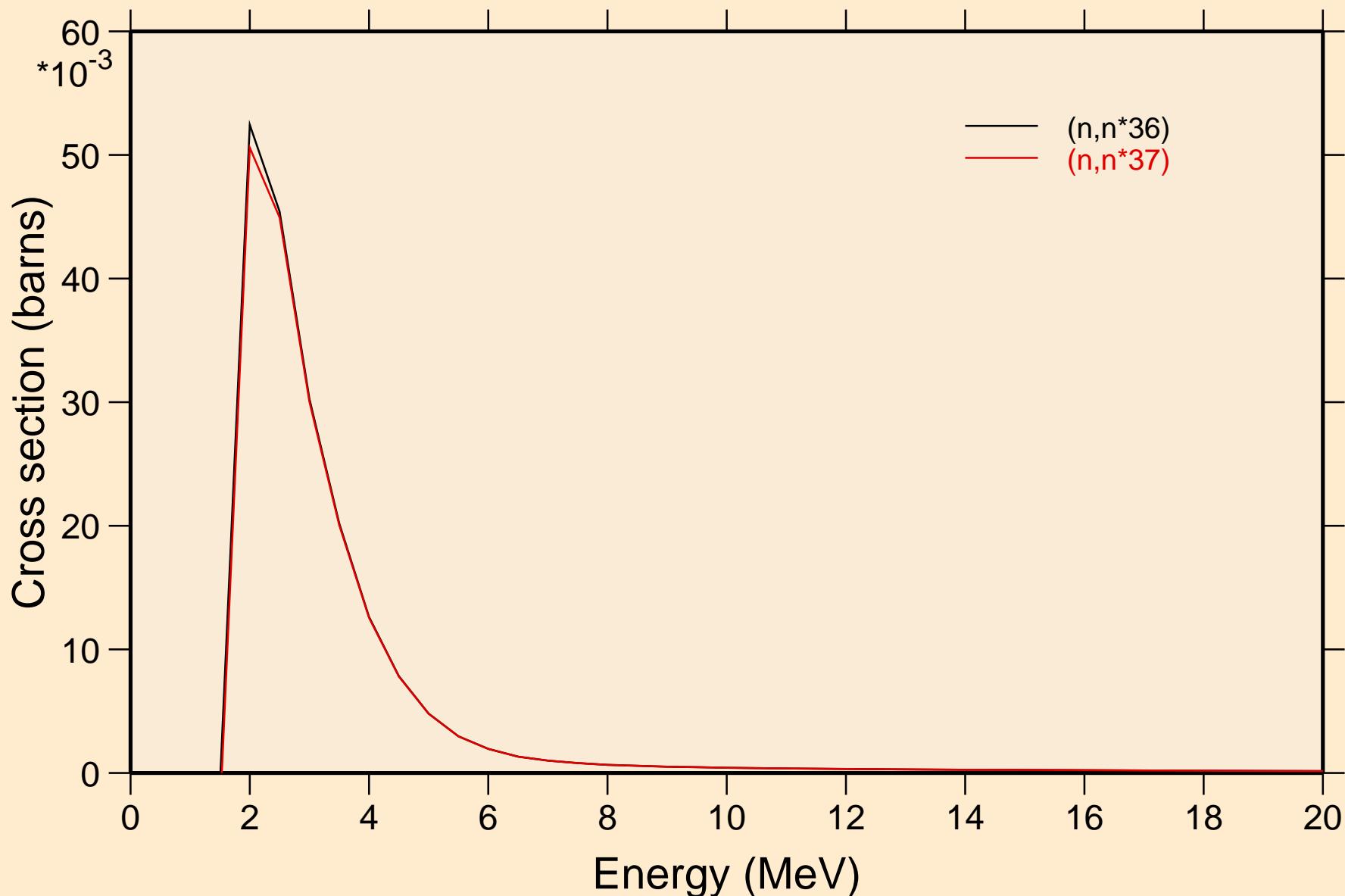
JENDL-4 SE-77  
Inelastic levels



JENDL-4 SE-77  
Inelastic levels

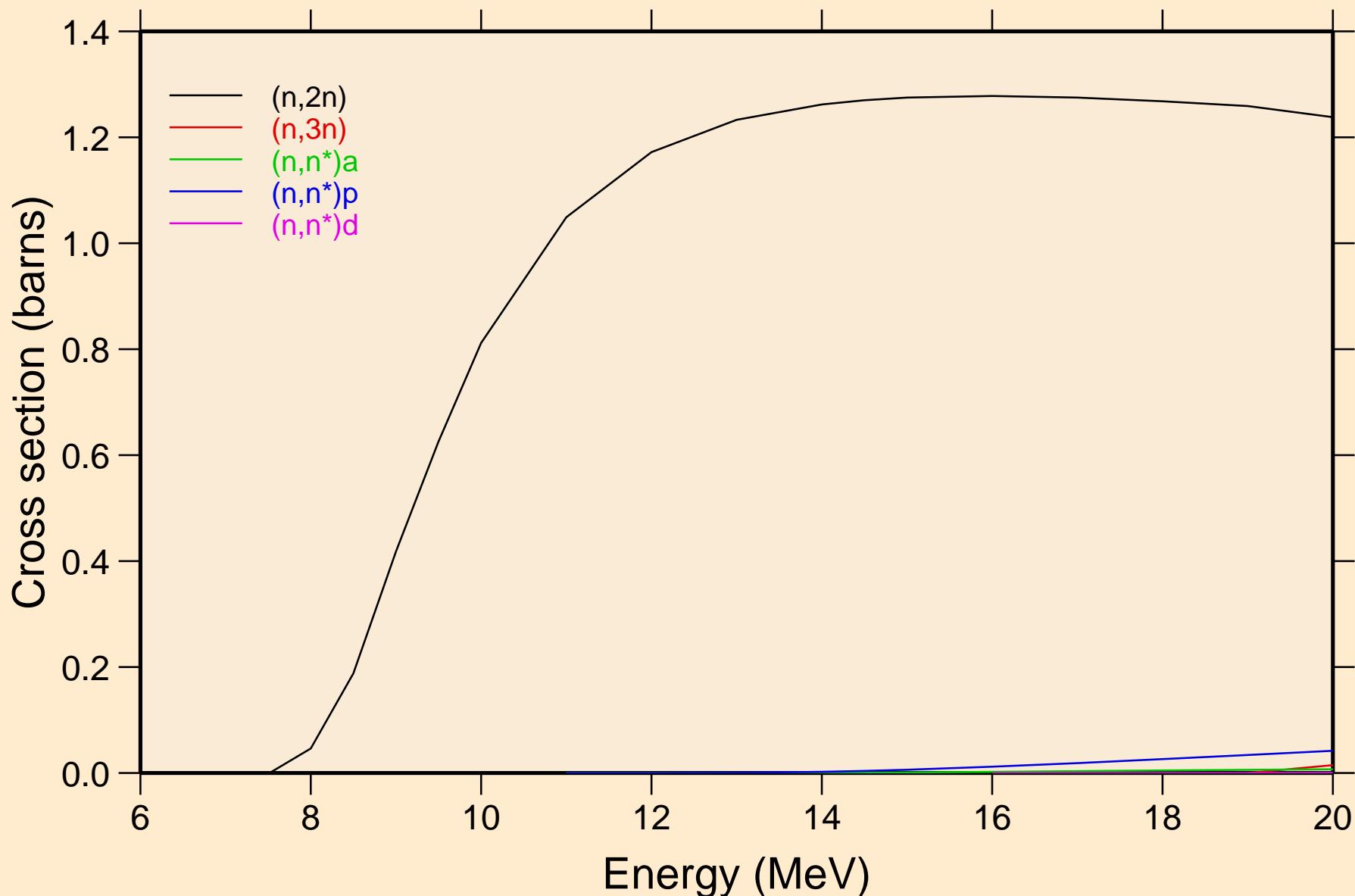


JENDL-4 SE-77  
Inelastic levels



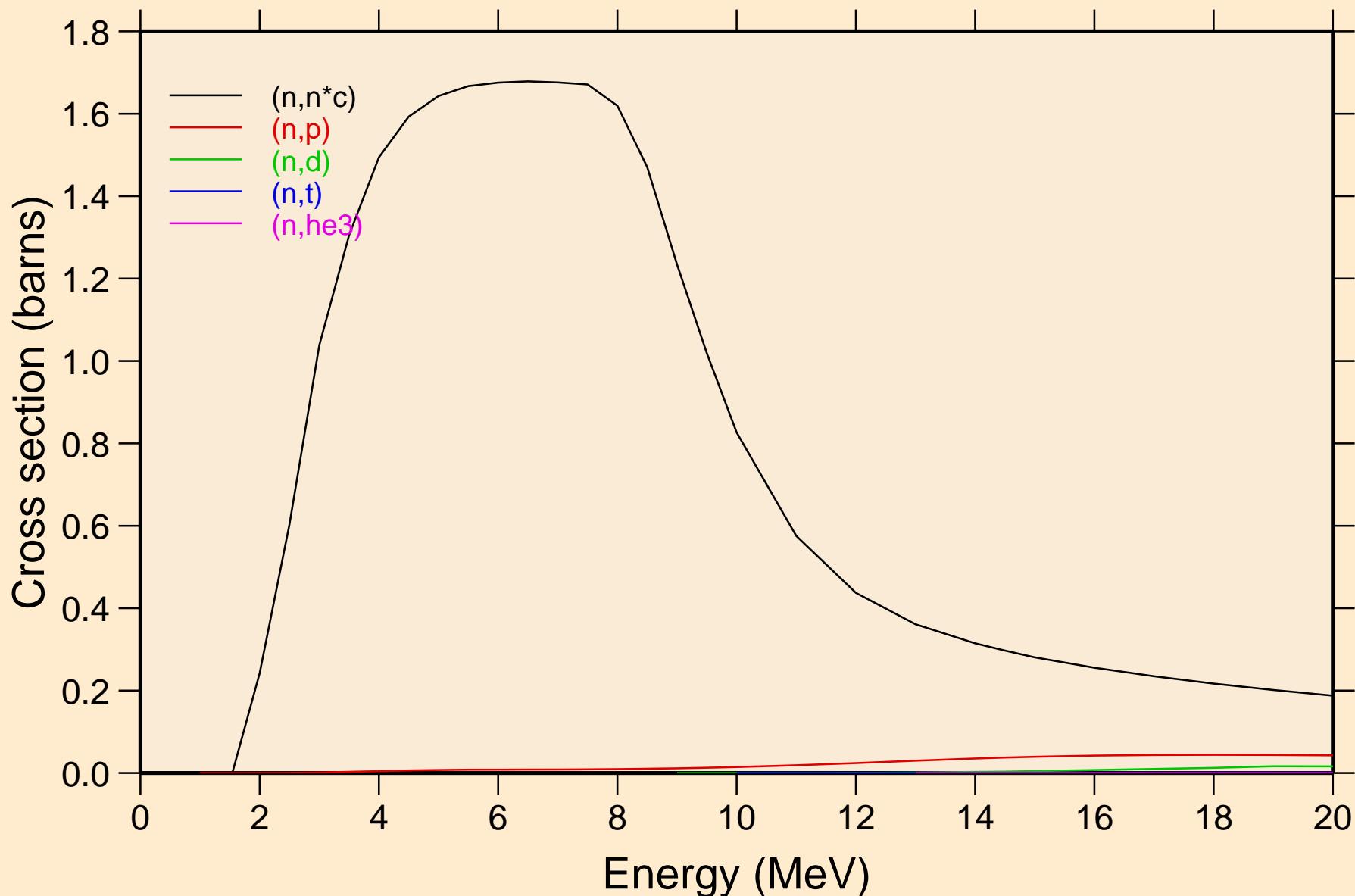
# JENDL-4 SE-77

## Threshold reactions

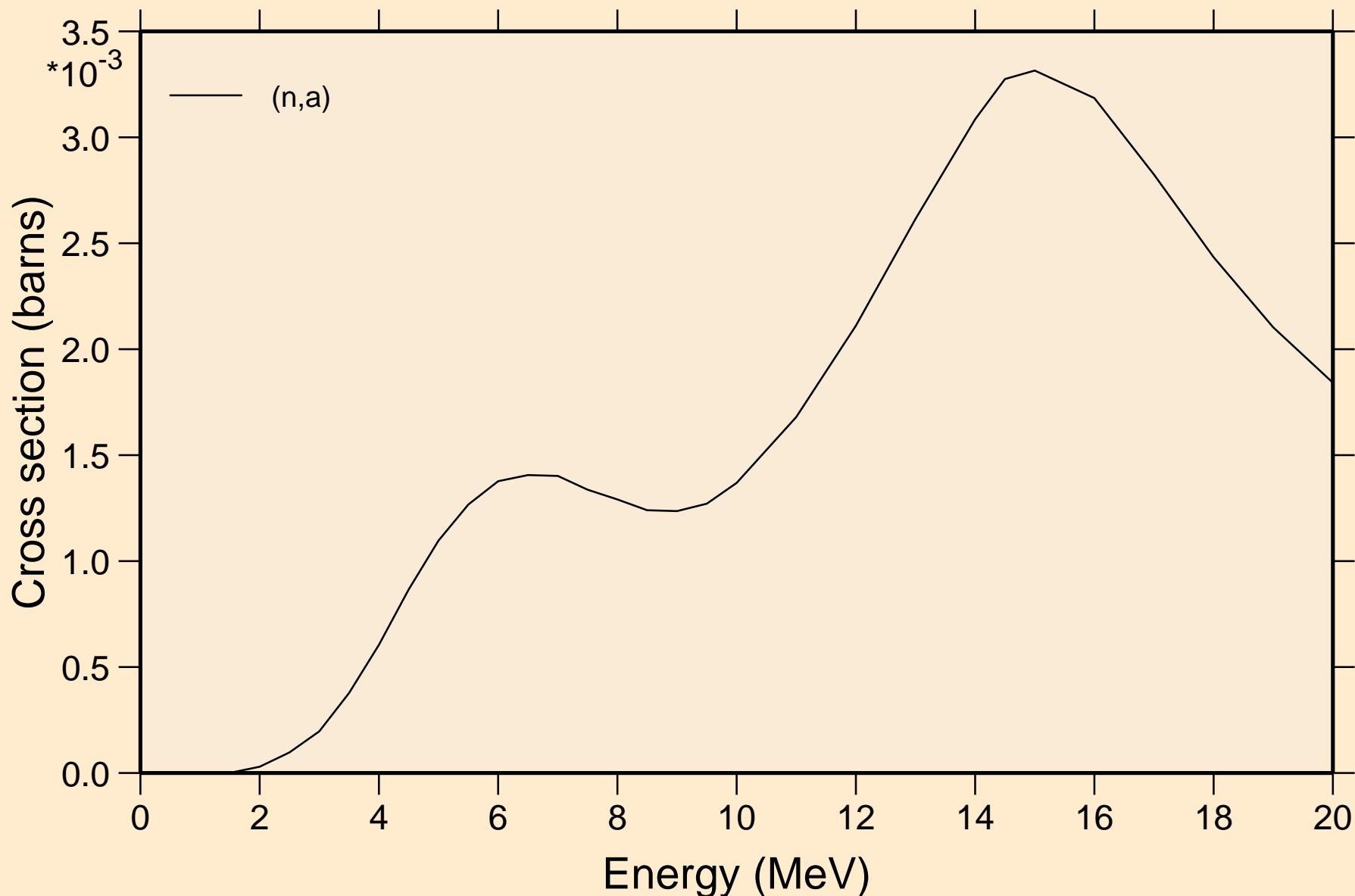


# JENDL-4 SE-77

## Threshold reactions

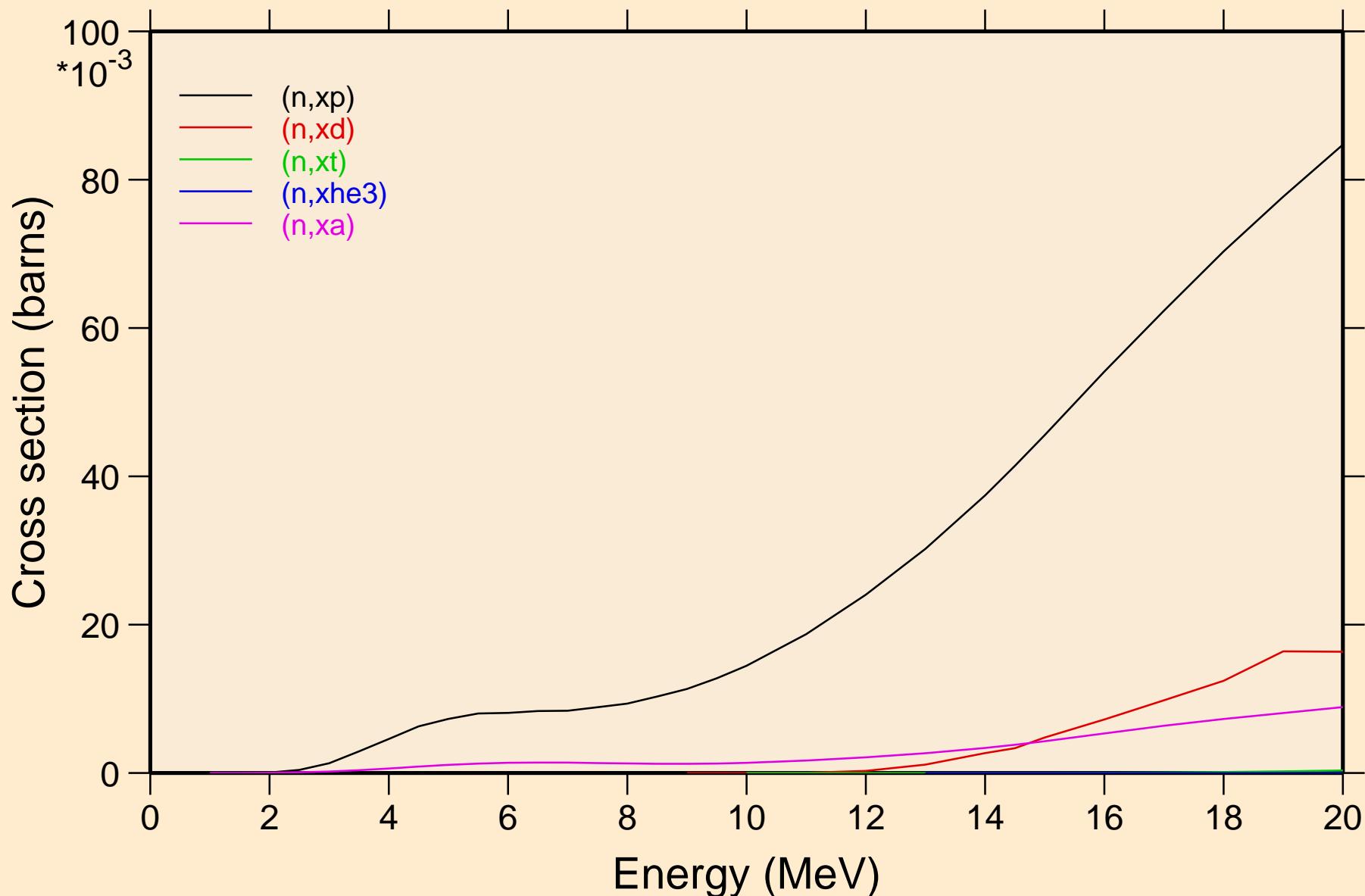


JENDL-4 SE-77  
Threshold reactions

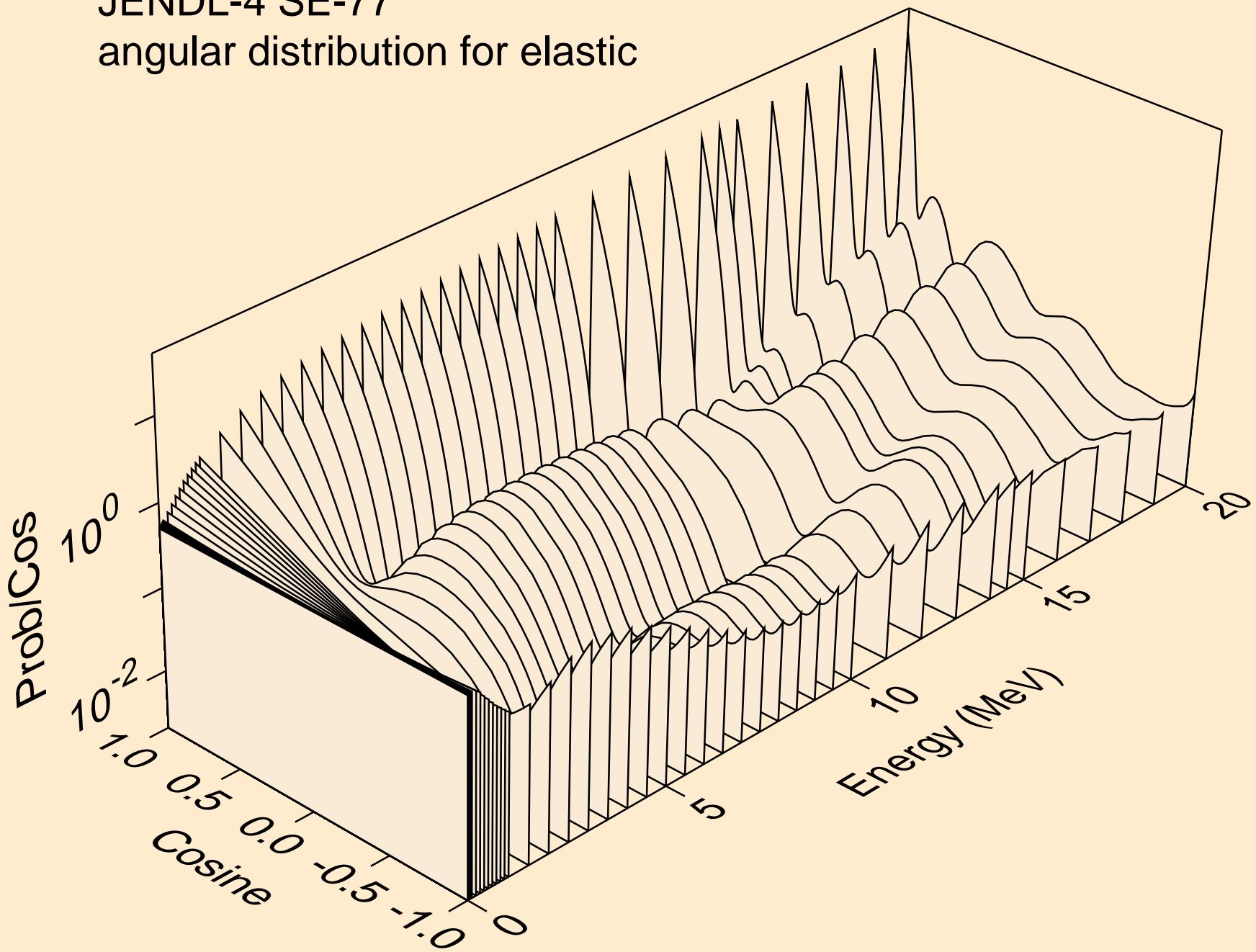


# JENDL-4 SE-77

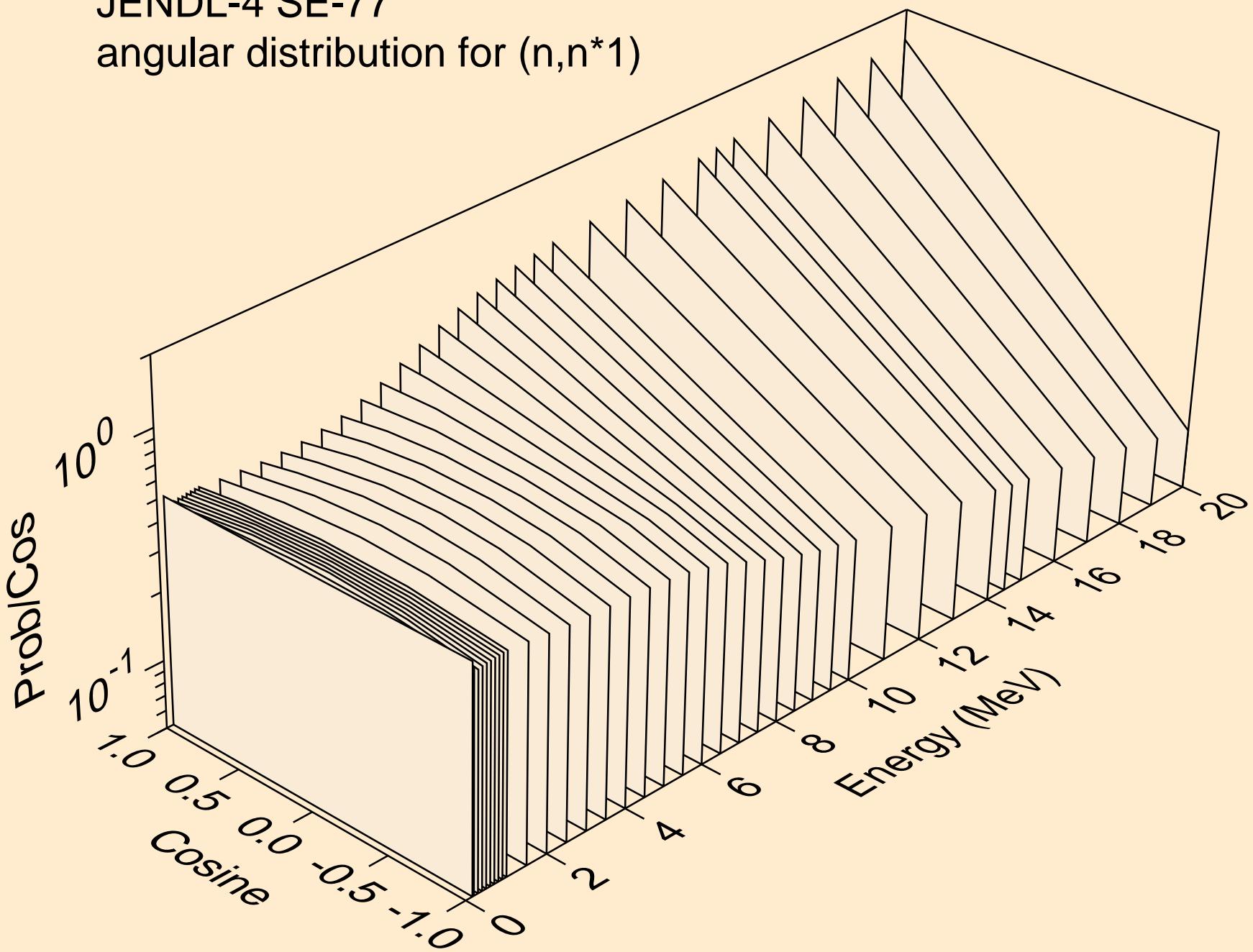
## Threshold reactions



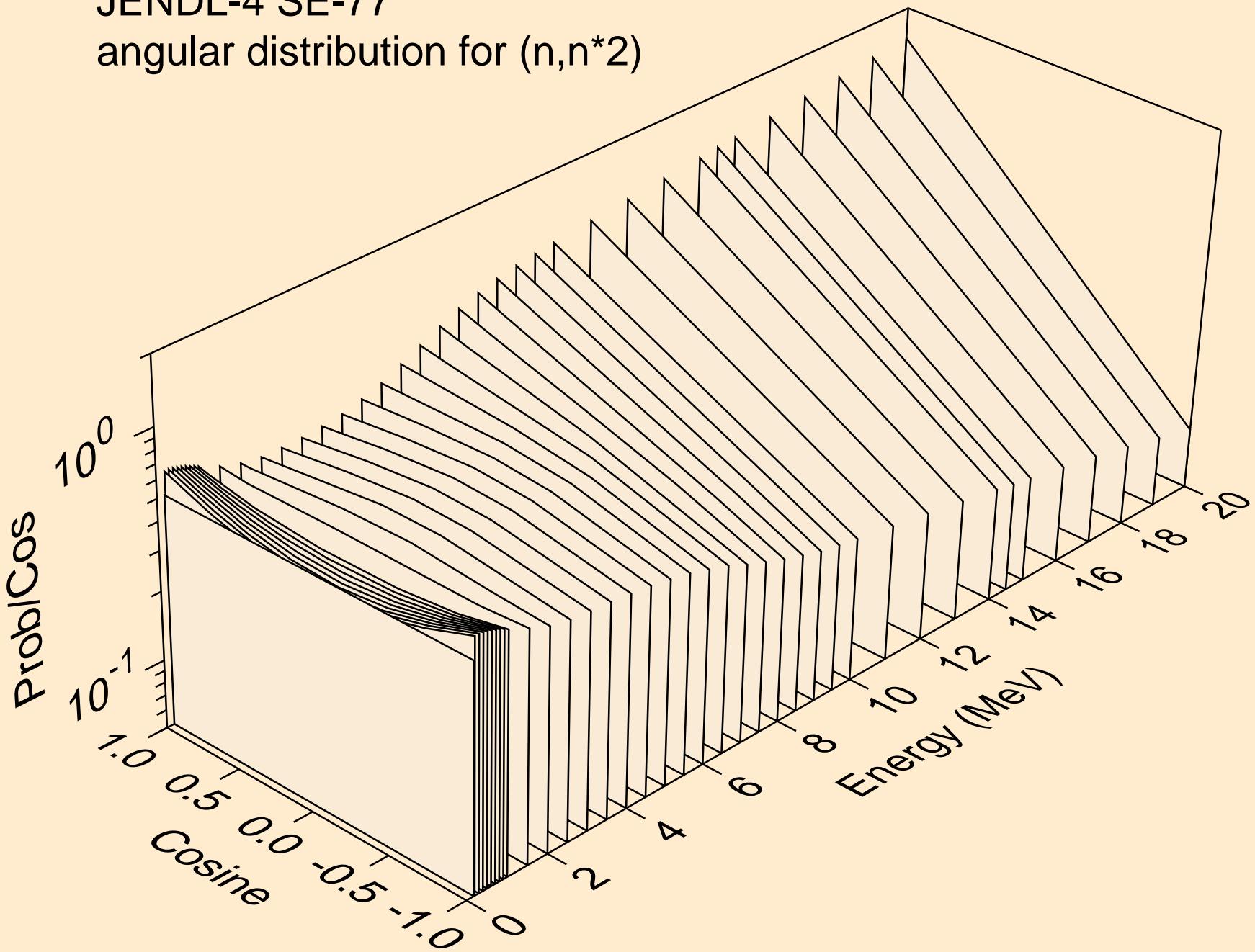
JENDL-4 SE-77  
angular distribution for elastic



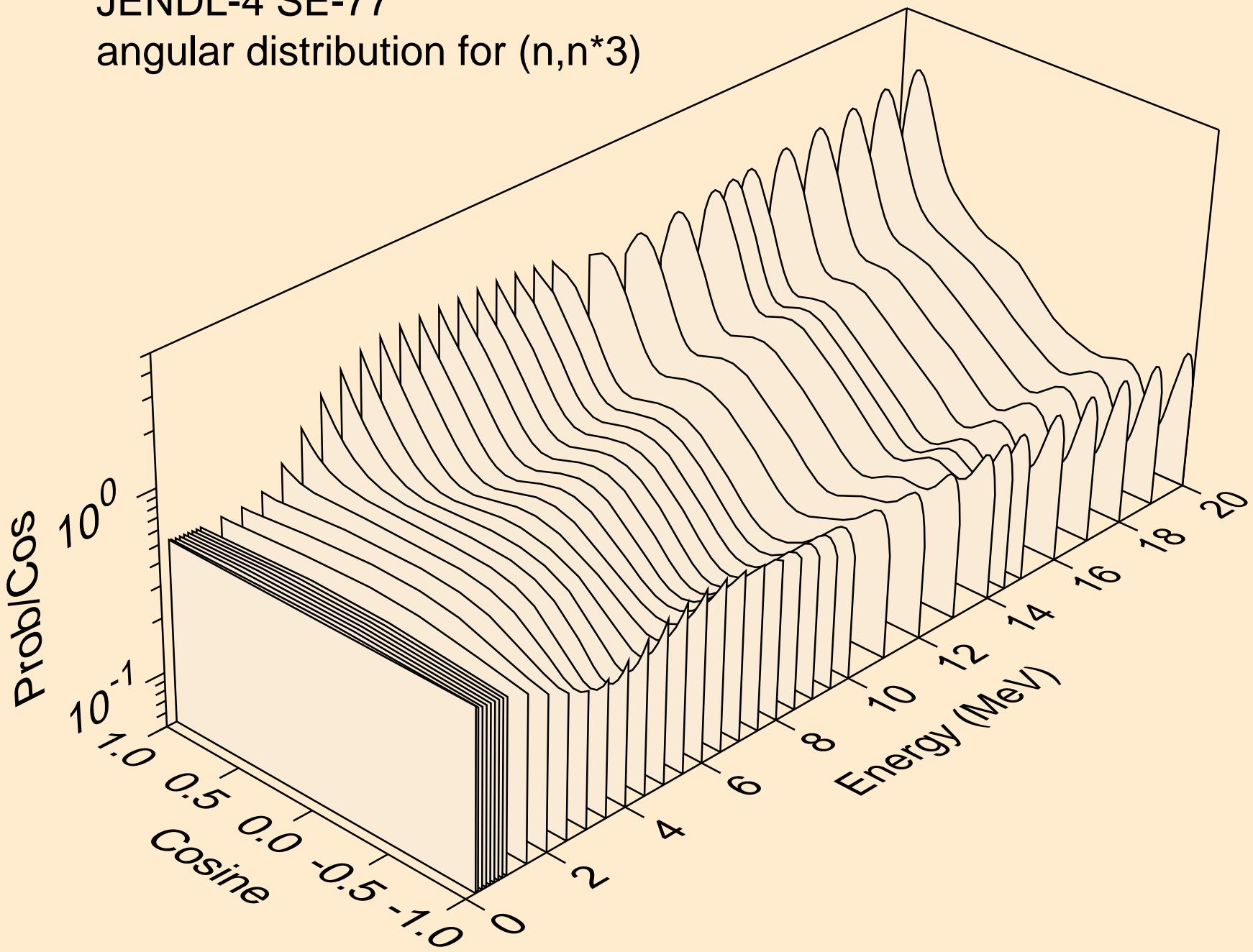
JENDL-4 SE-77  
angular distribution for (n,n\*1)



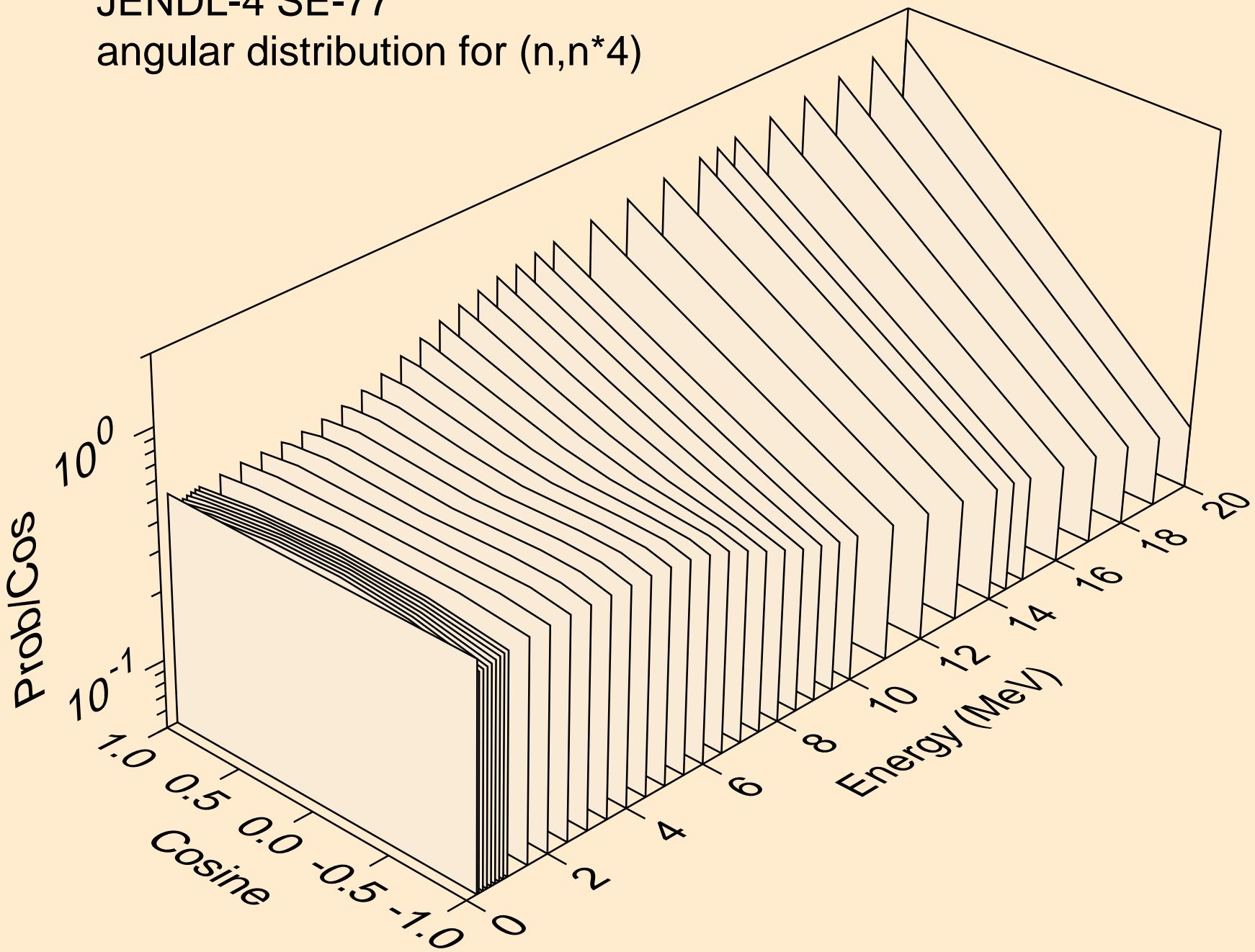
JENDL-4 SE-77  
angular distribution for  $(n,n^*)$



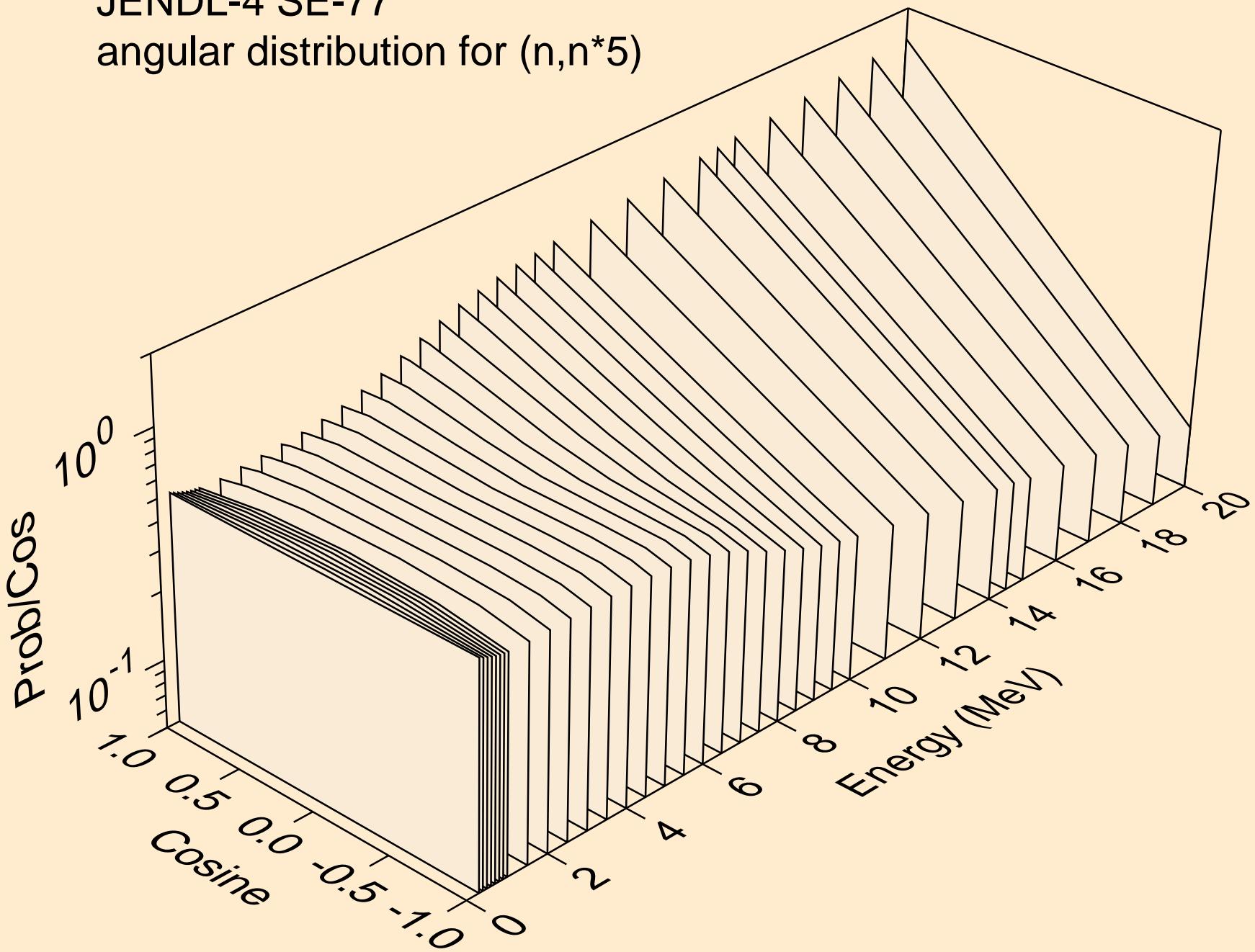
JENDL-4 SE-77  
angular distribution for  $(n,n^*)^3$



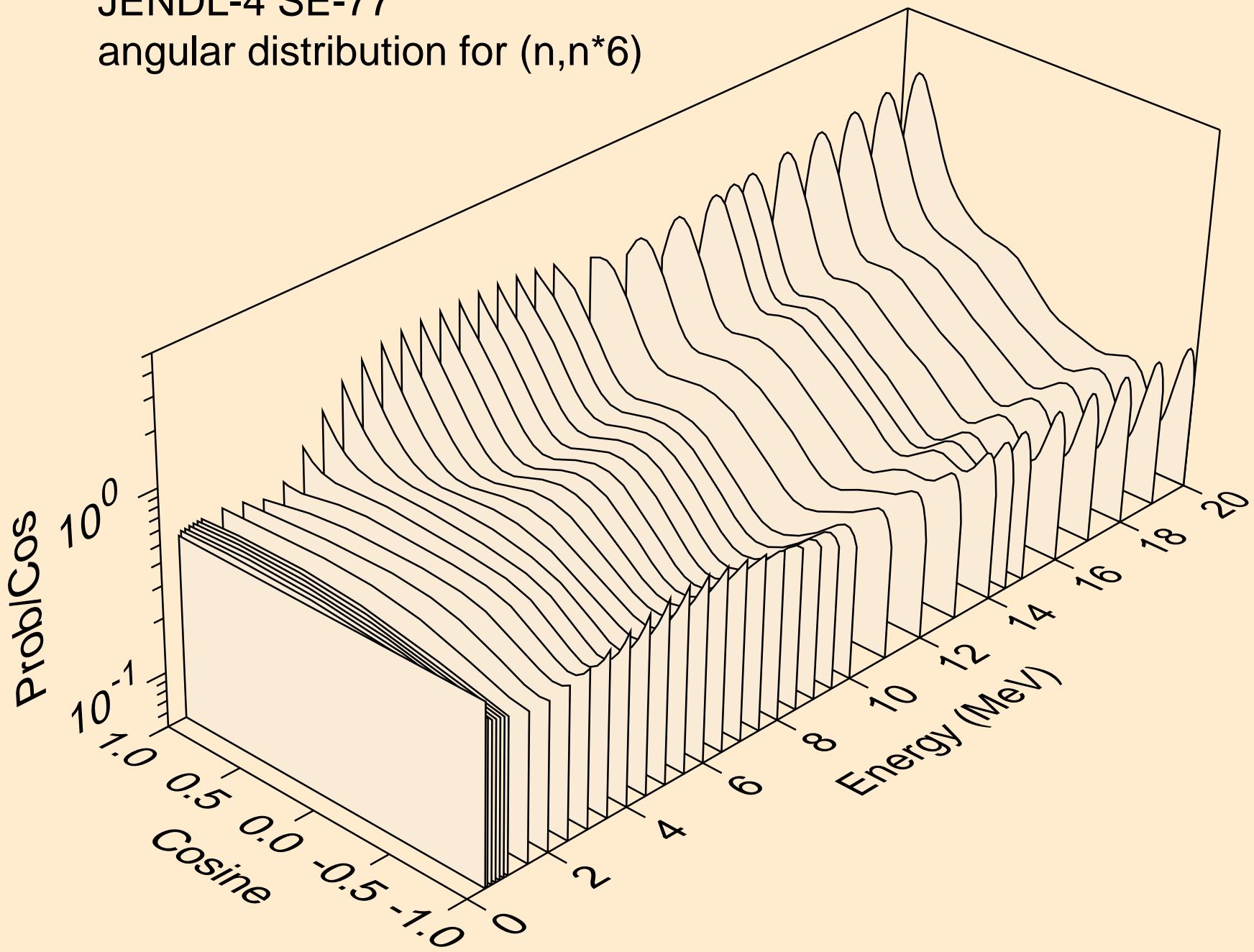
JENDL-4 SE-77  
angular distribution for  $(n,n^*4)$



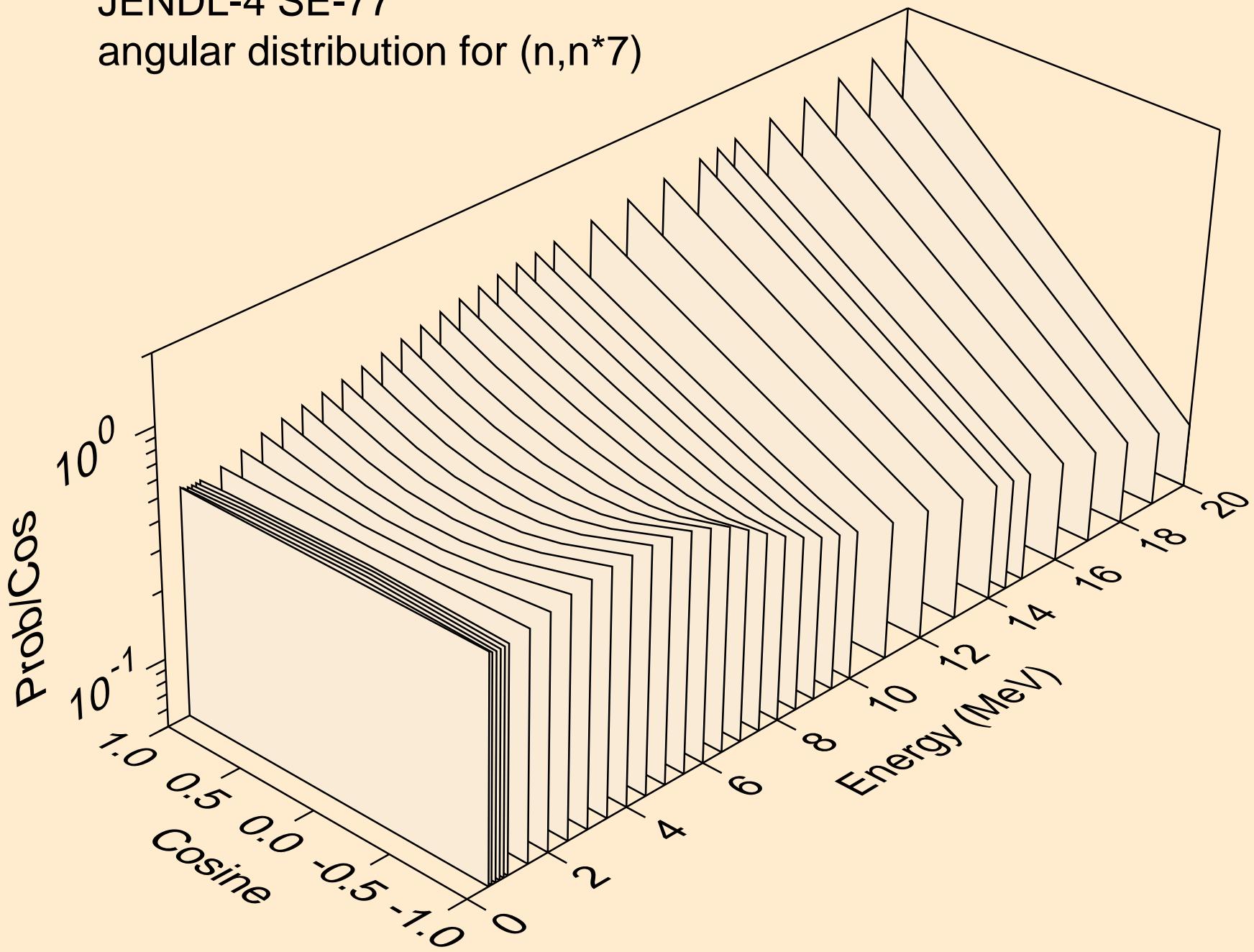
JENDL-4 SE-77  
angular distribution for  $(n,n^*5)$



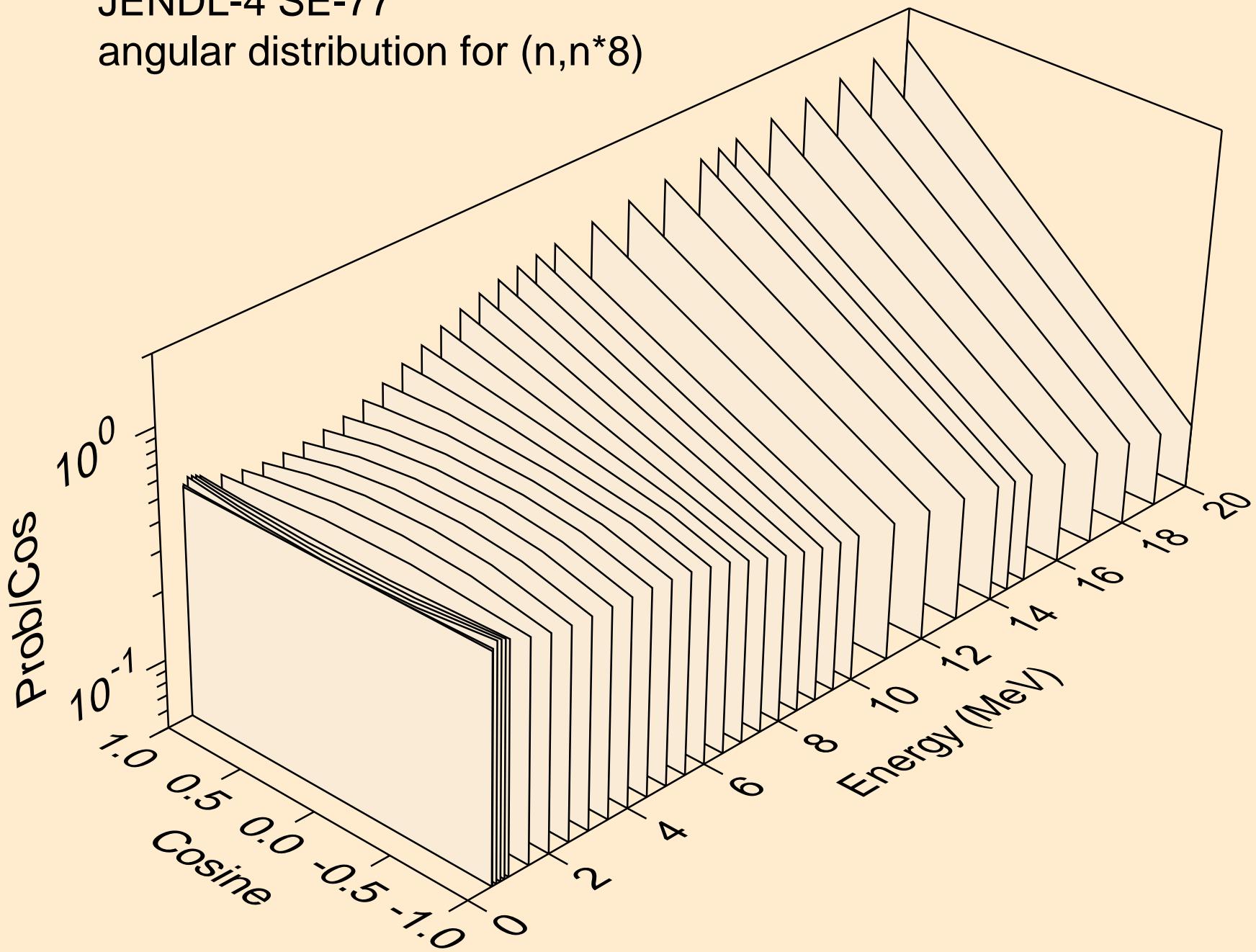
JENDL-4 SE-77  
angular distribution for  $(n,n^*6)$



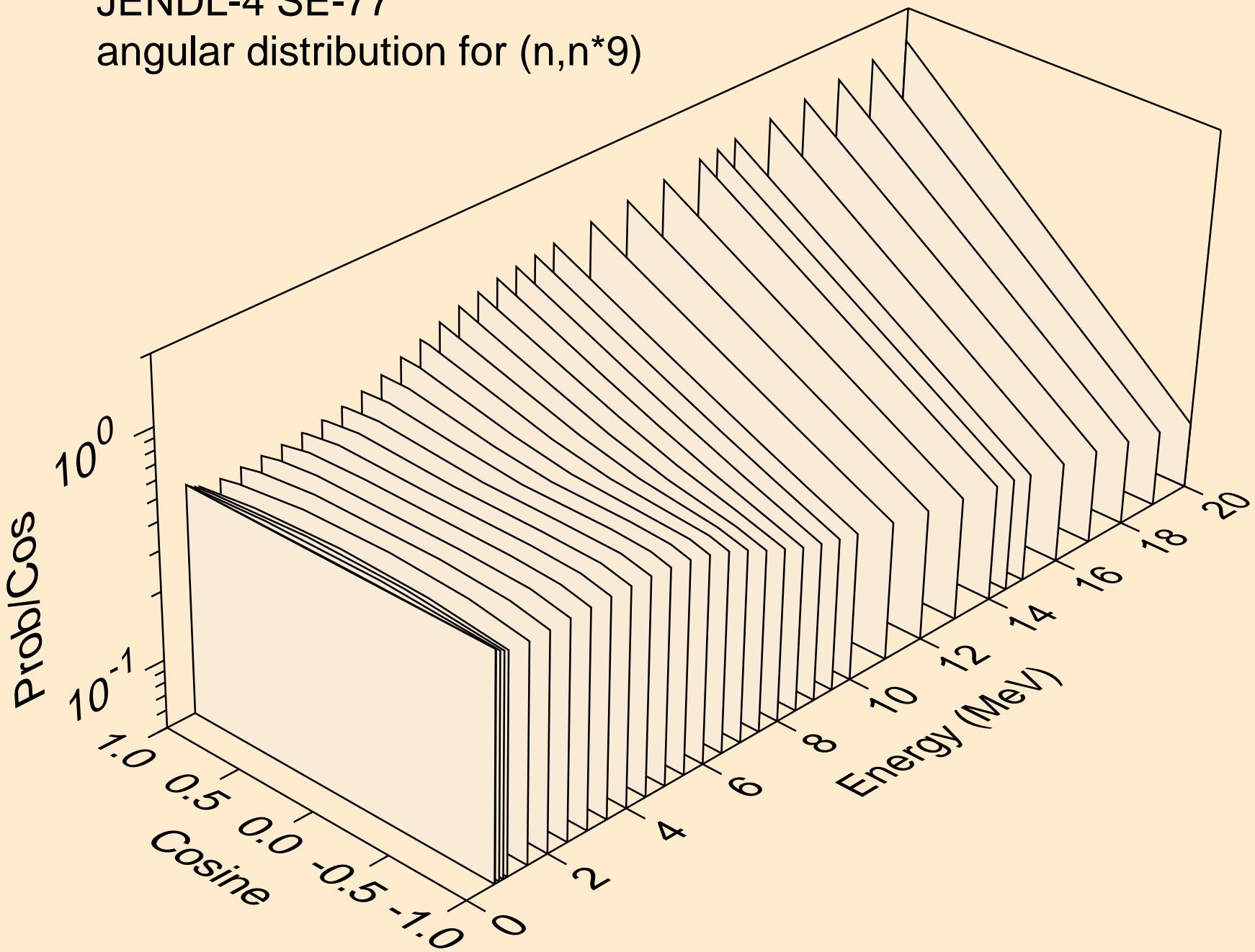
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angular distribution for  $(n,n^*7)$



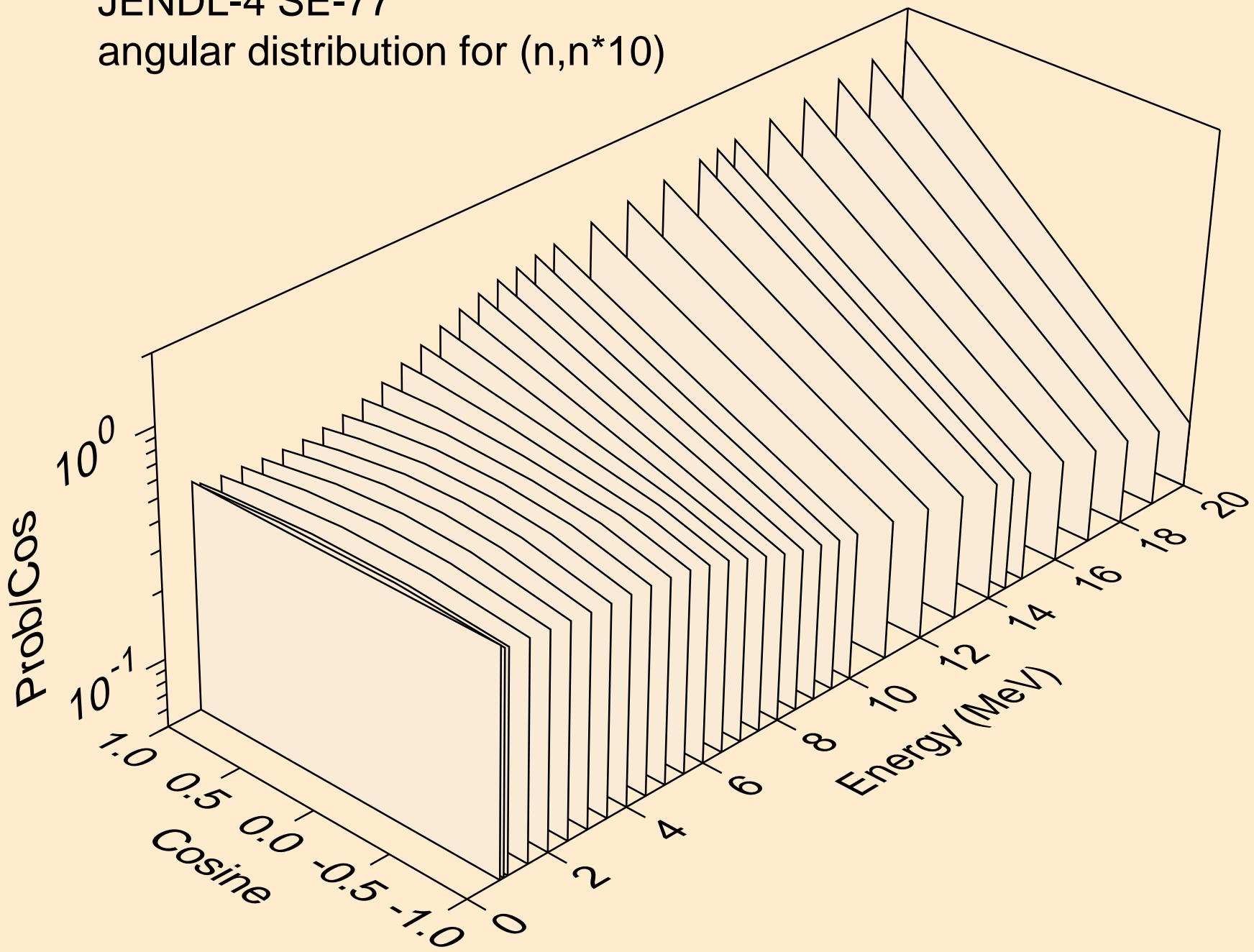
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angular distribution for  $(n,n^*8)$



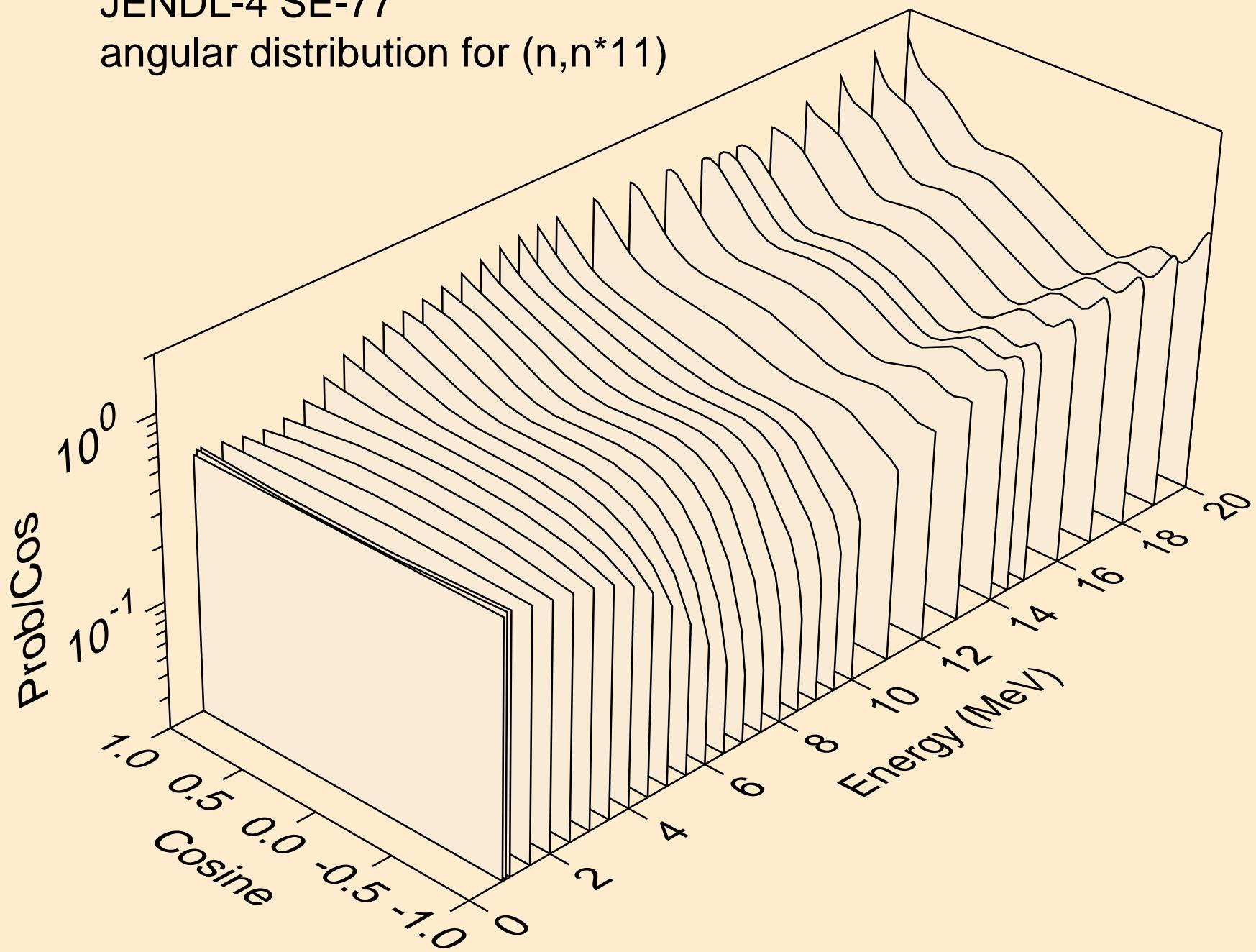
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angular distribution for  $(n,n^*9)$



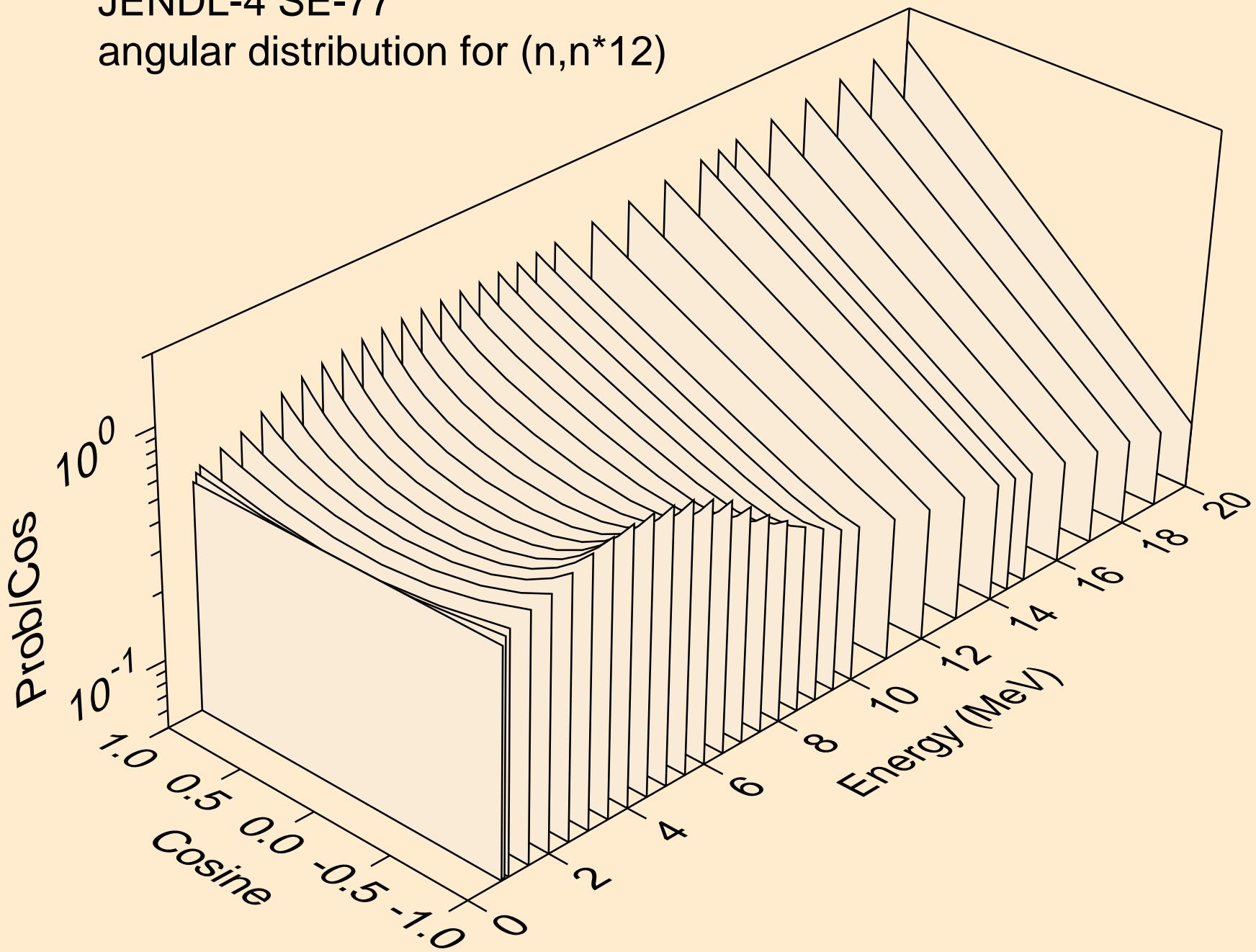
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angular distribution for  $(n,n^*)10$



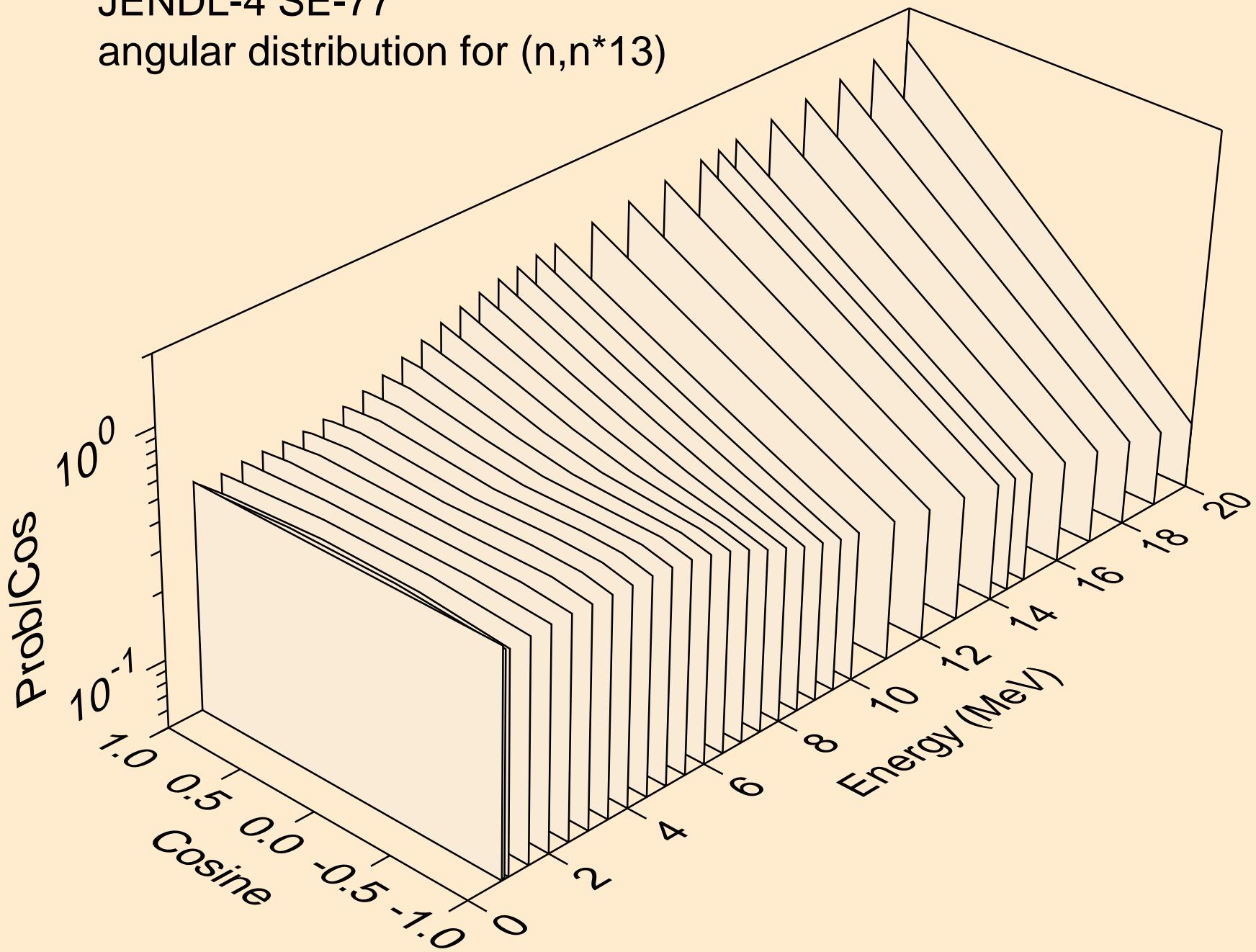
JENDL-4 SE-77  
angular distribution for  $(n,n^*11)$



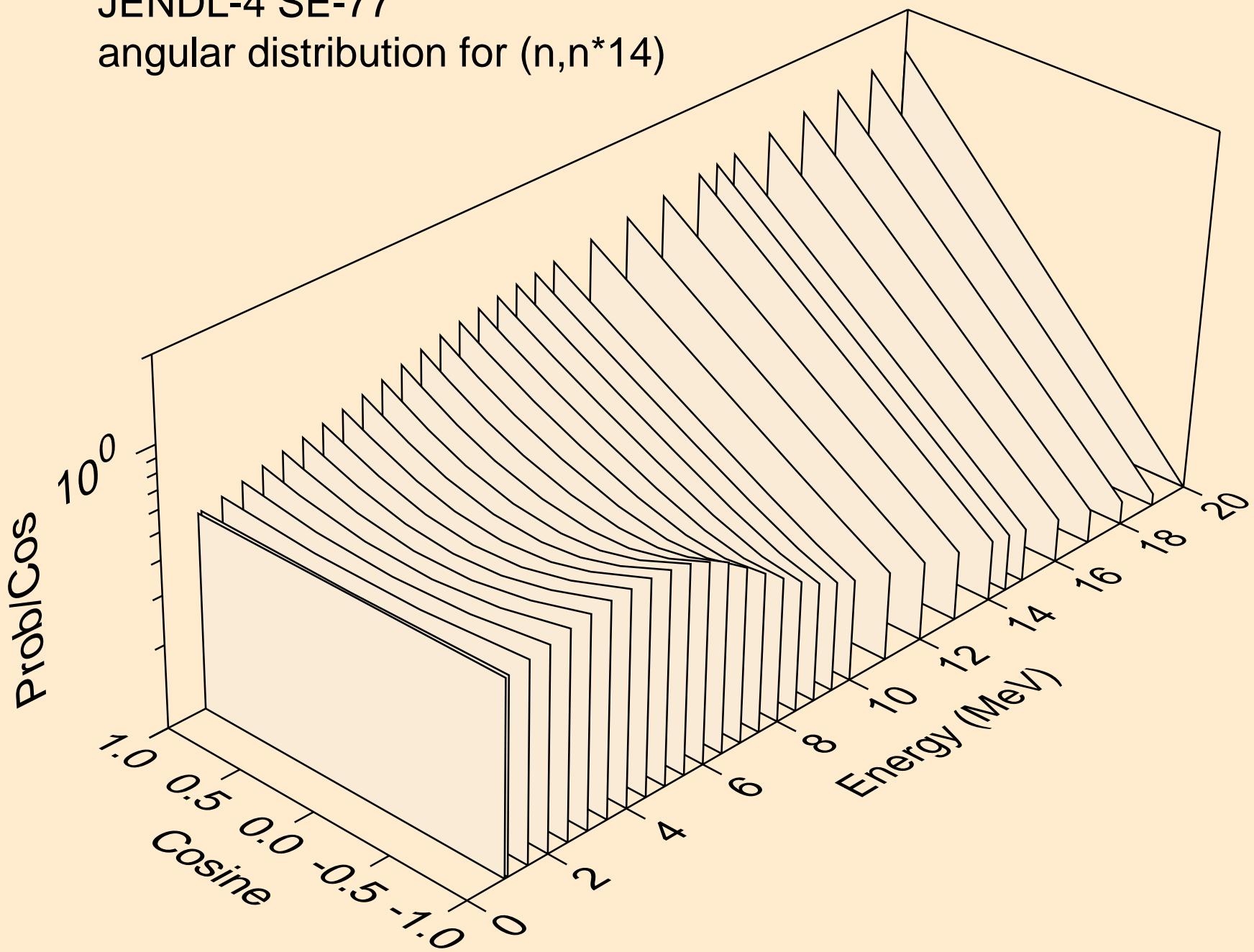
JENDL-4 SE-77  
angular distribution for  $(n,n^*12)$



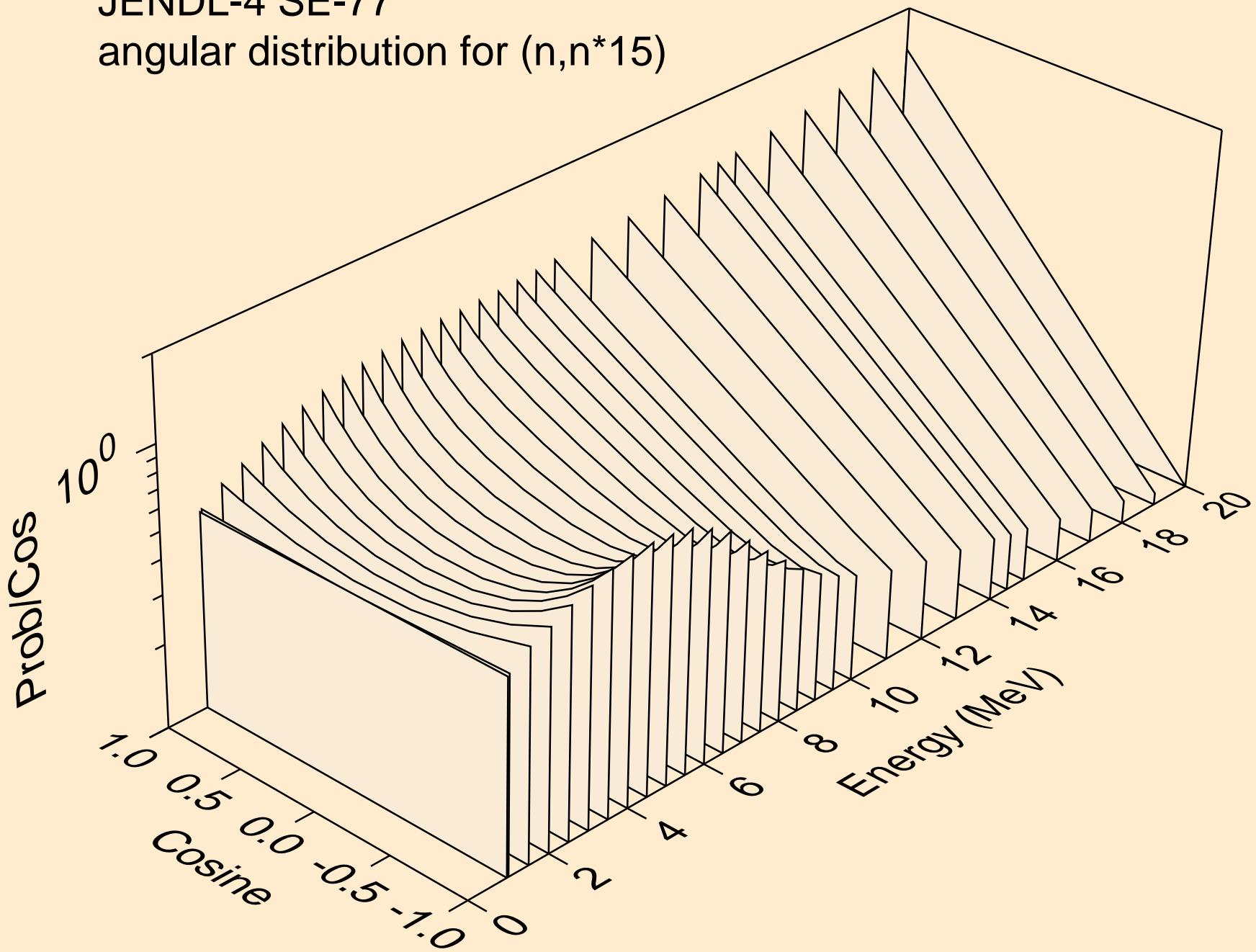
JENDL-4 SE-77  
angular distribution for  $(n,n^*13)$



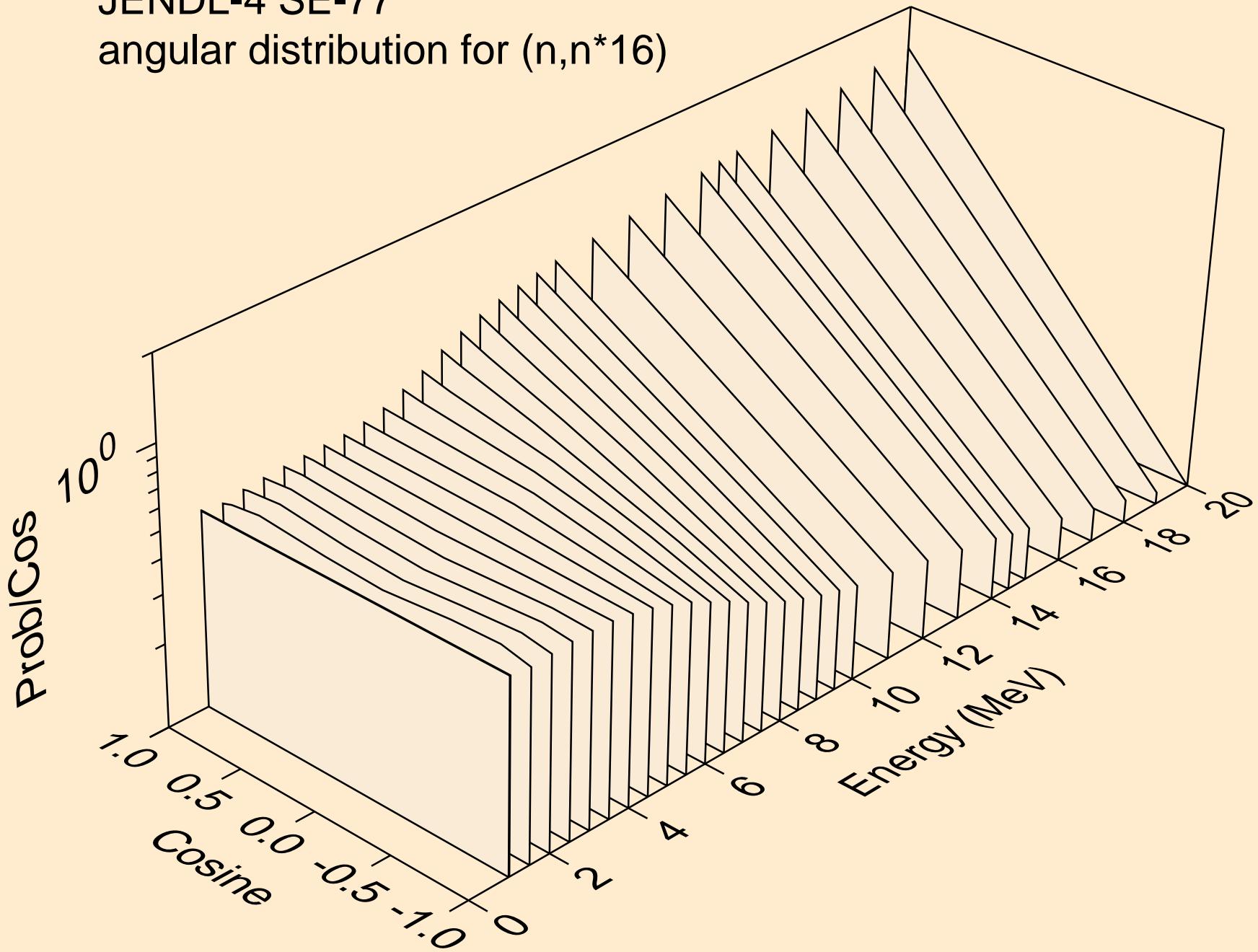
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angular distribution for  $(n,n^*14)$



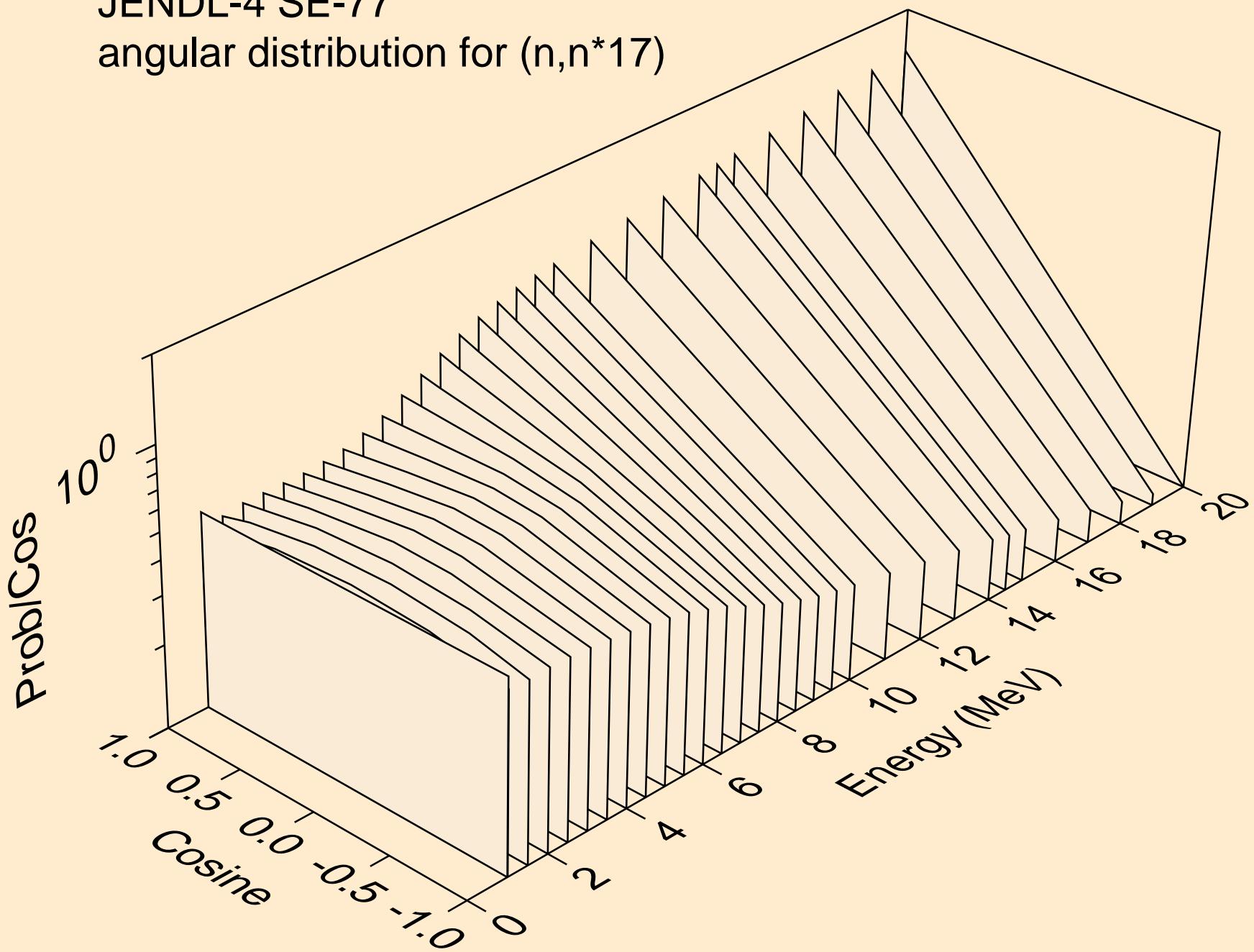
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angular distribution for  $(n,n^*15)$



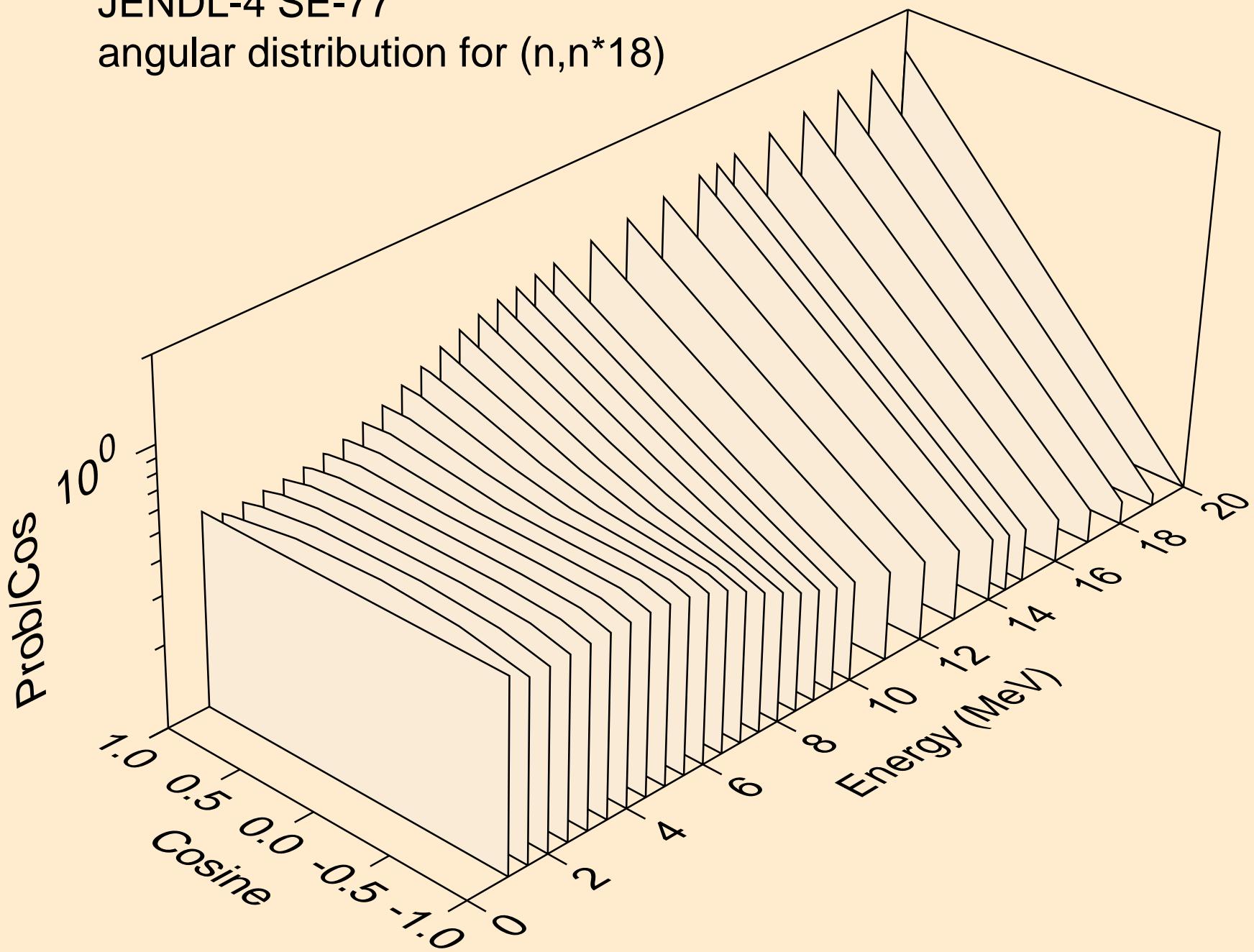
JENDL-4 SE-77  
angular distribution for  $(n,n^*16)$



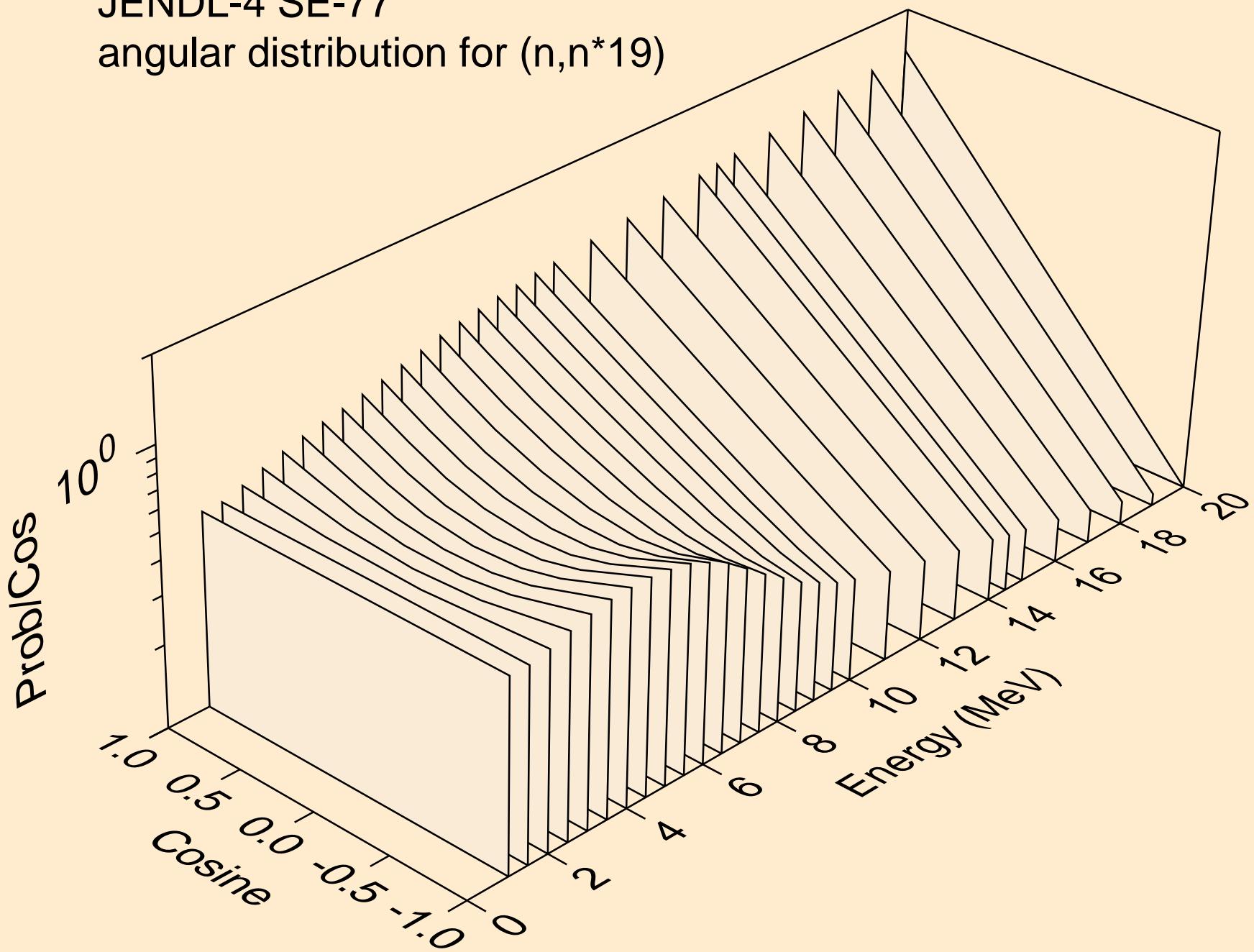
JENDL-4 SE-77  
angular distribution for (n,n\*17)



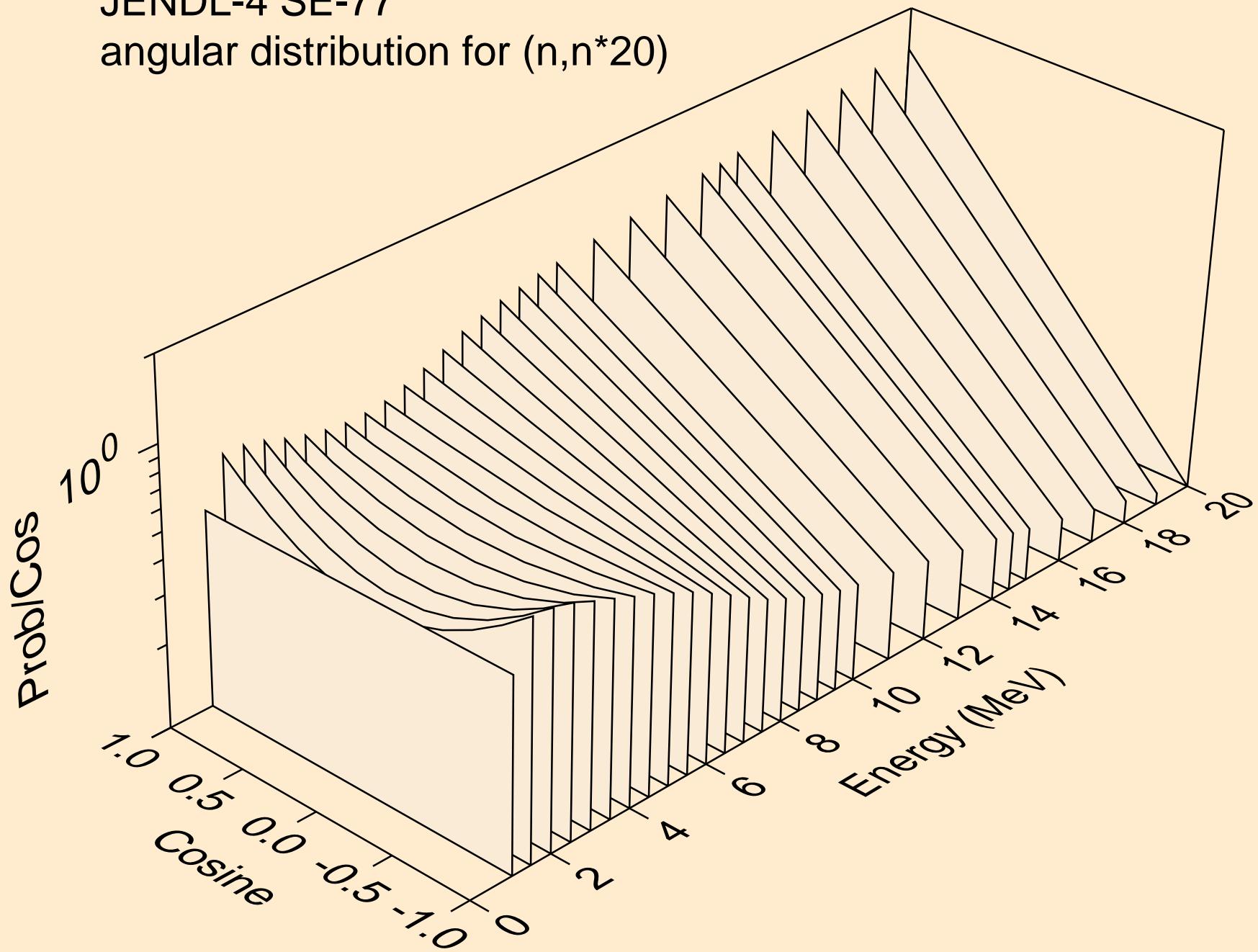
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angular distribution for (n,n\*18)



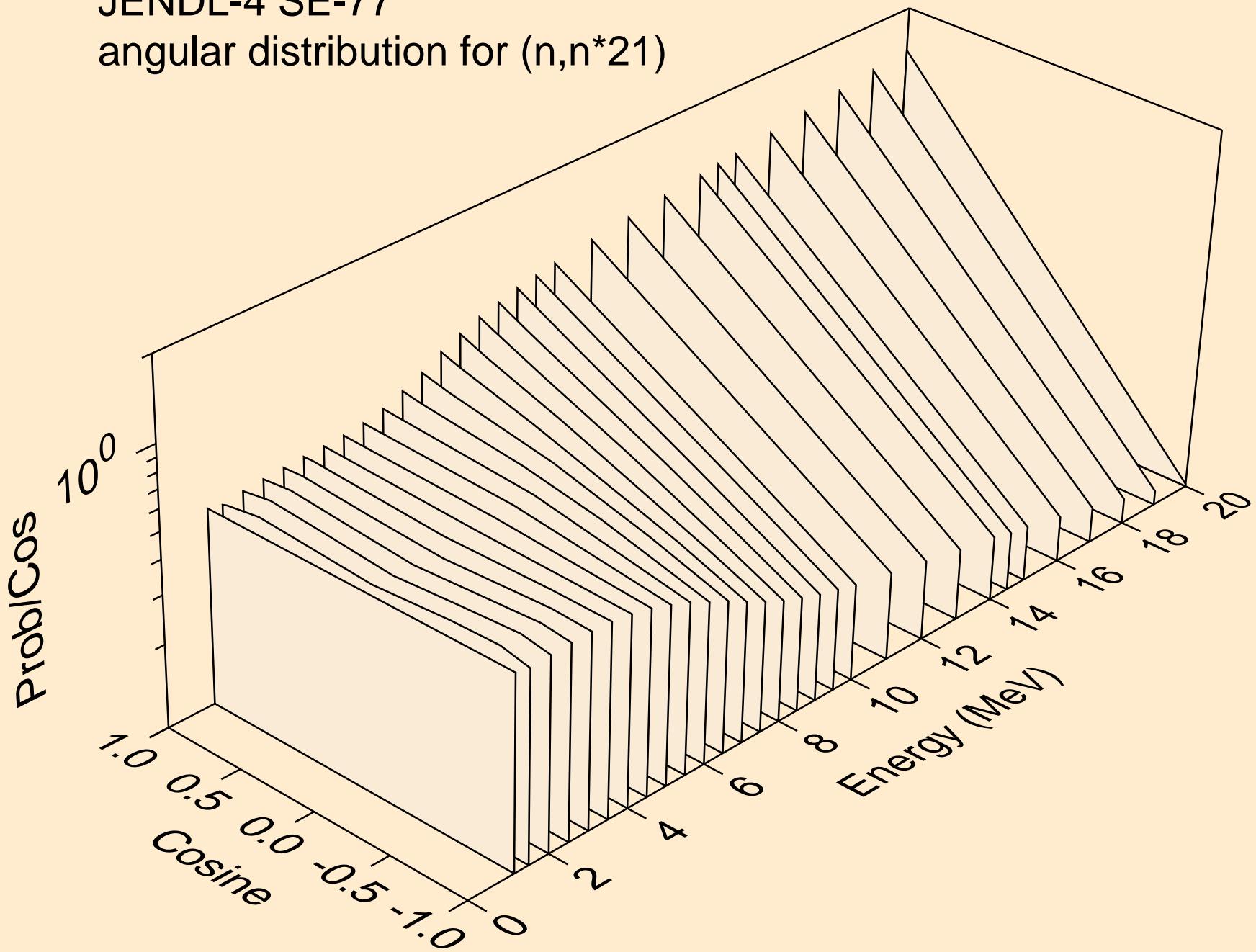
JENDL-4 SE-77  
angular distribution for (n,n\*19)



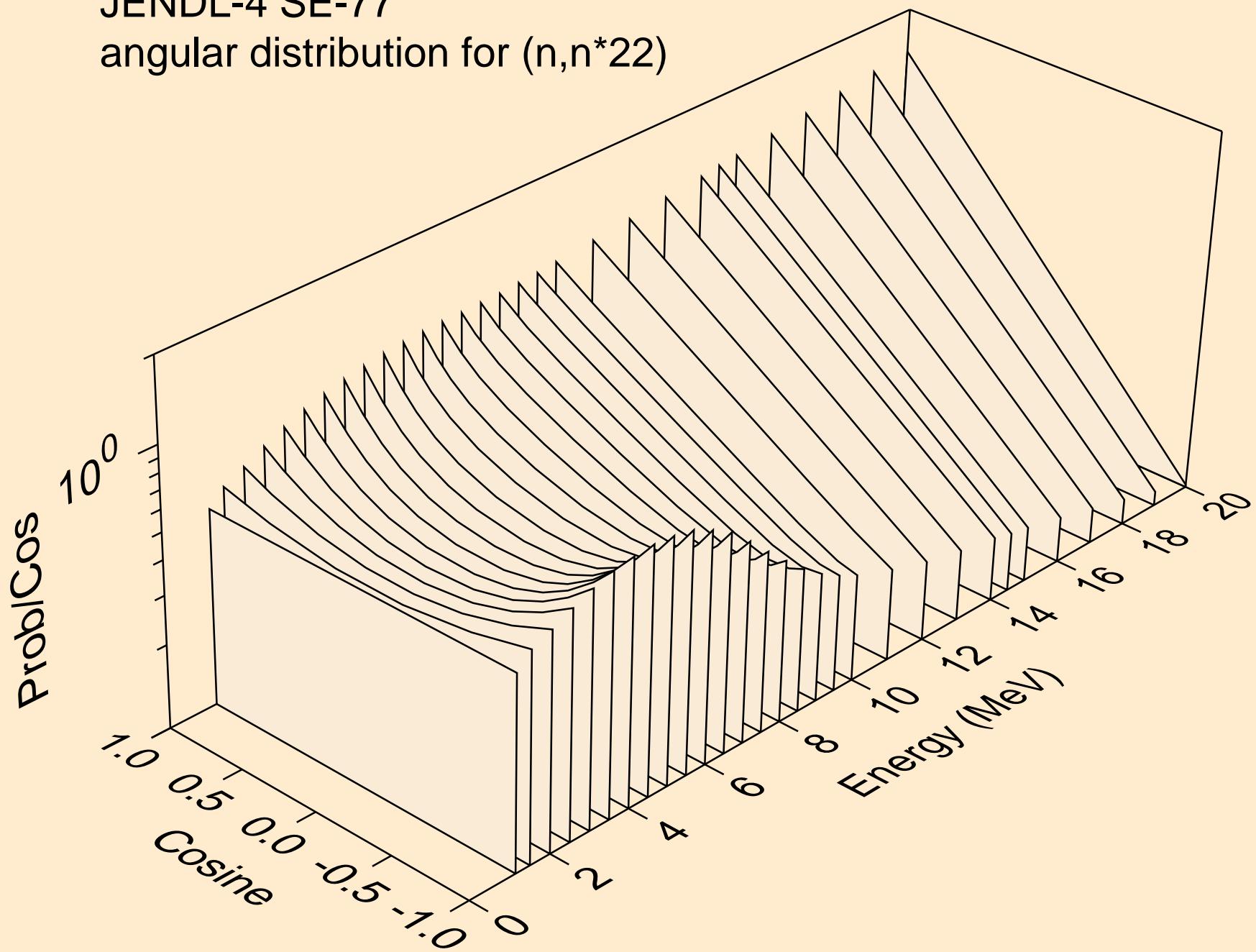
JENDL-4 SE-77  
angular distribution for  $(n,n^*20)$



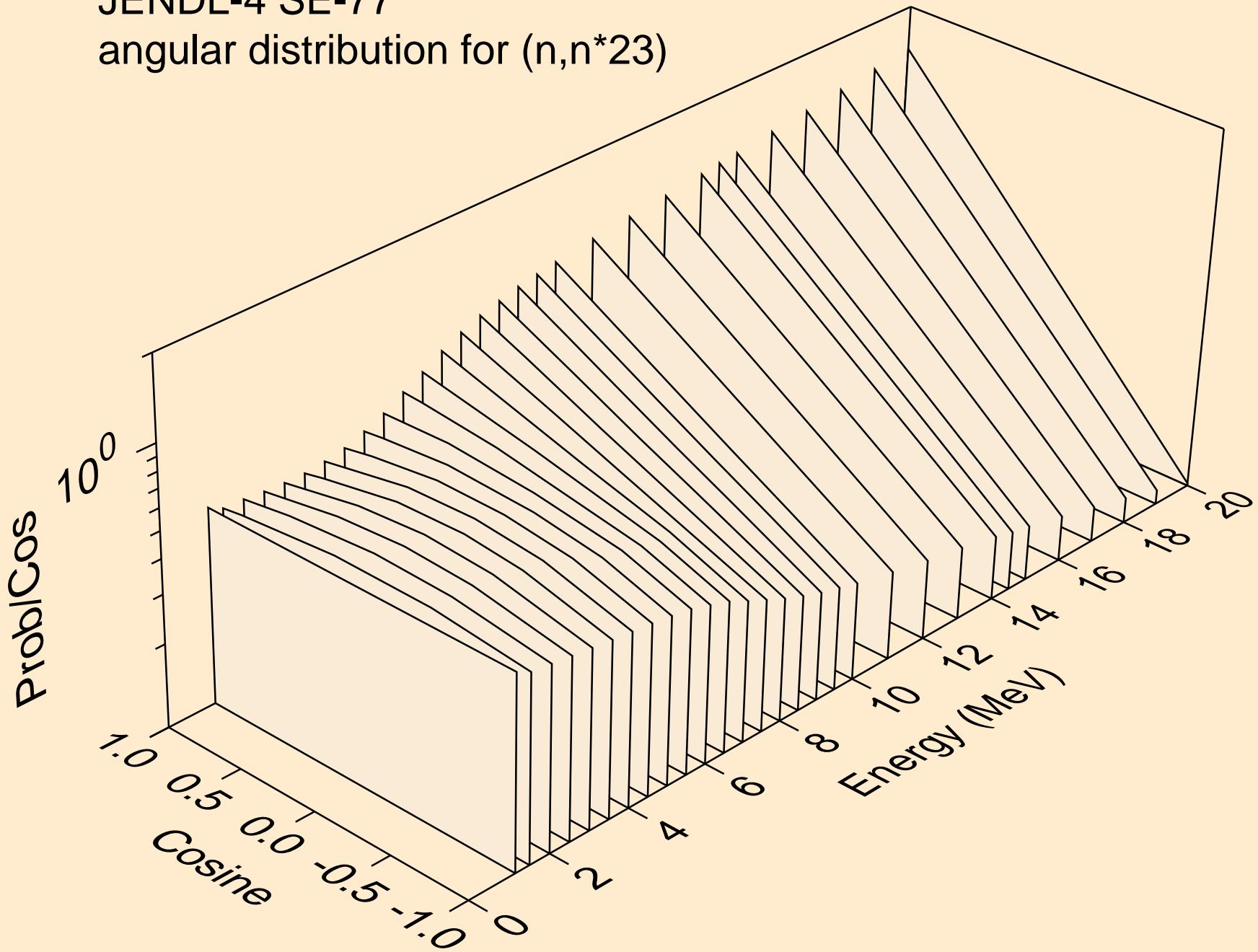
JENDL-4 SE-77  
angular distribution for ( $n, n^* 21$ )



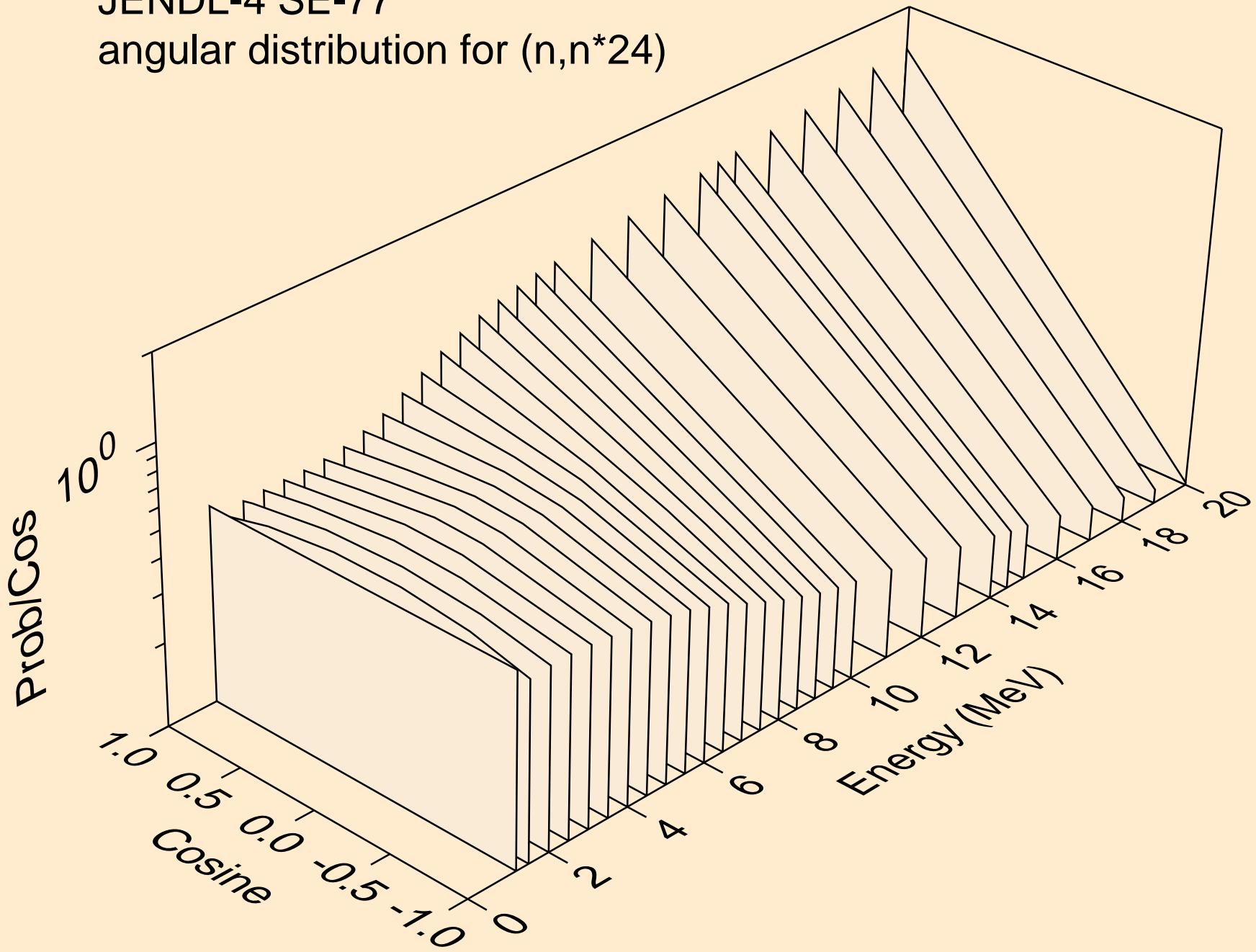
JENDL-4 SE-77  
angular distribution for  $(n,n^*22)$



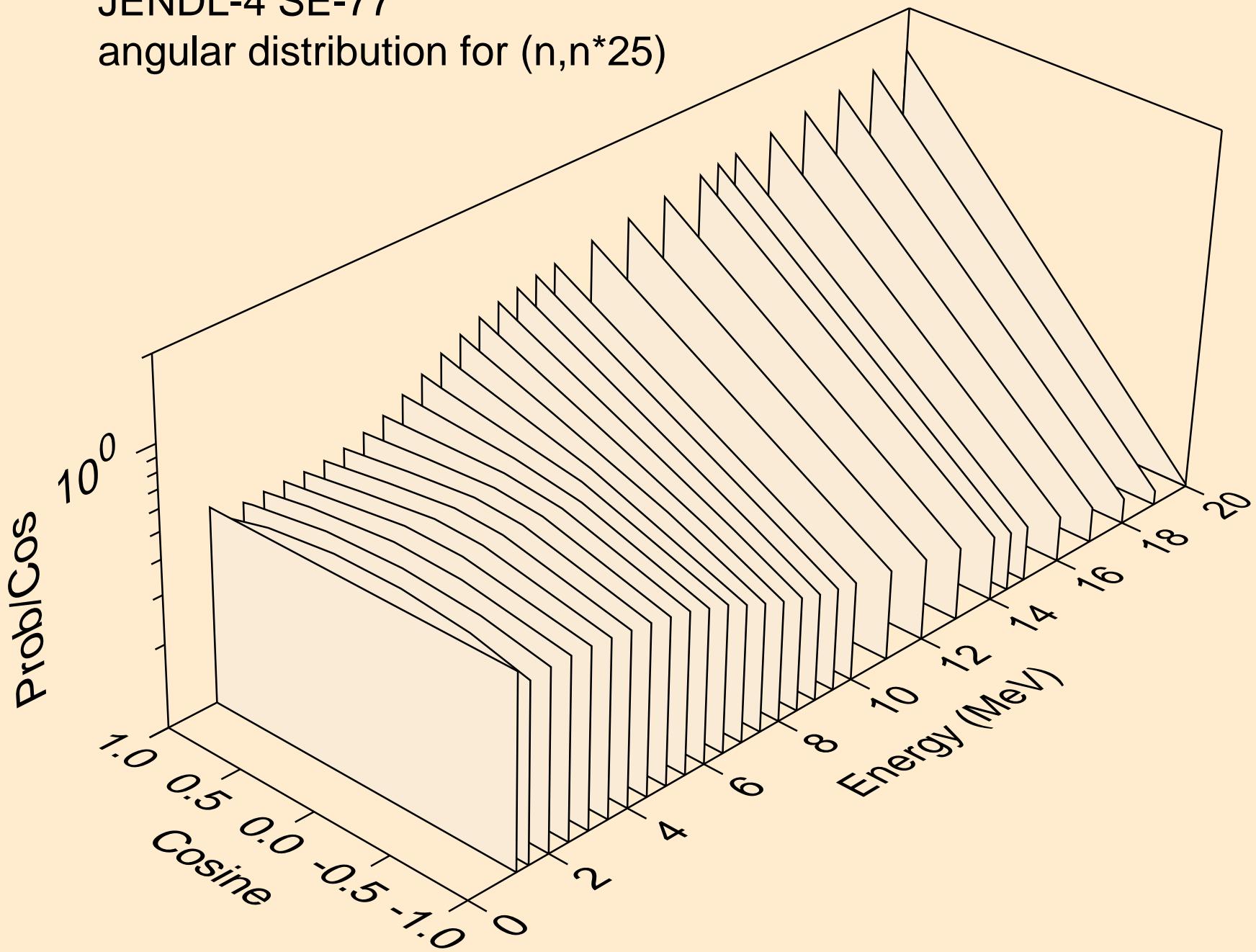
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angular distribution for  $(n,n^*23)$



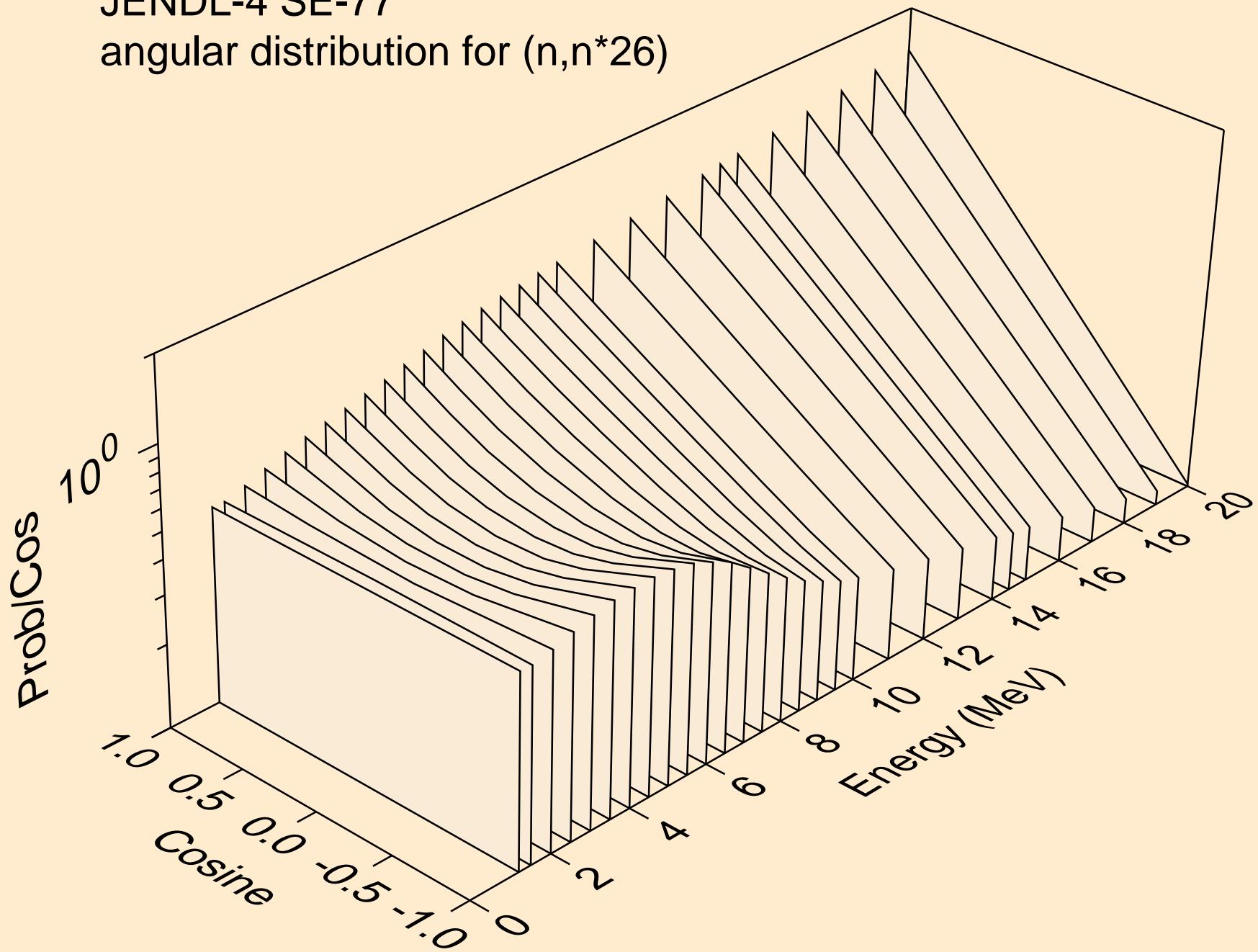
JENDL-4 SE-77  
angular distribution for ( $n,n^*$ )24



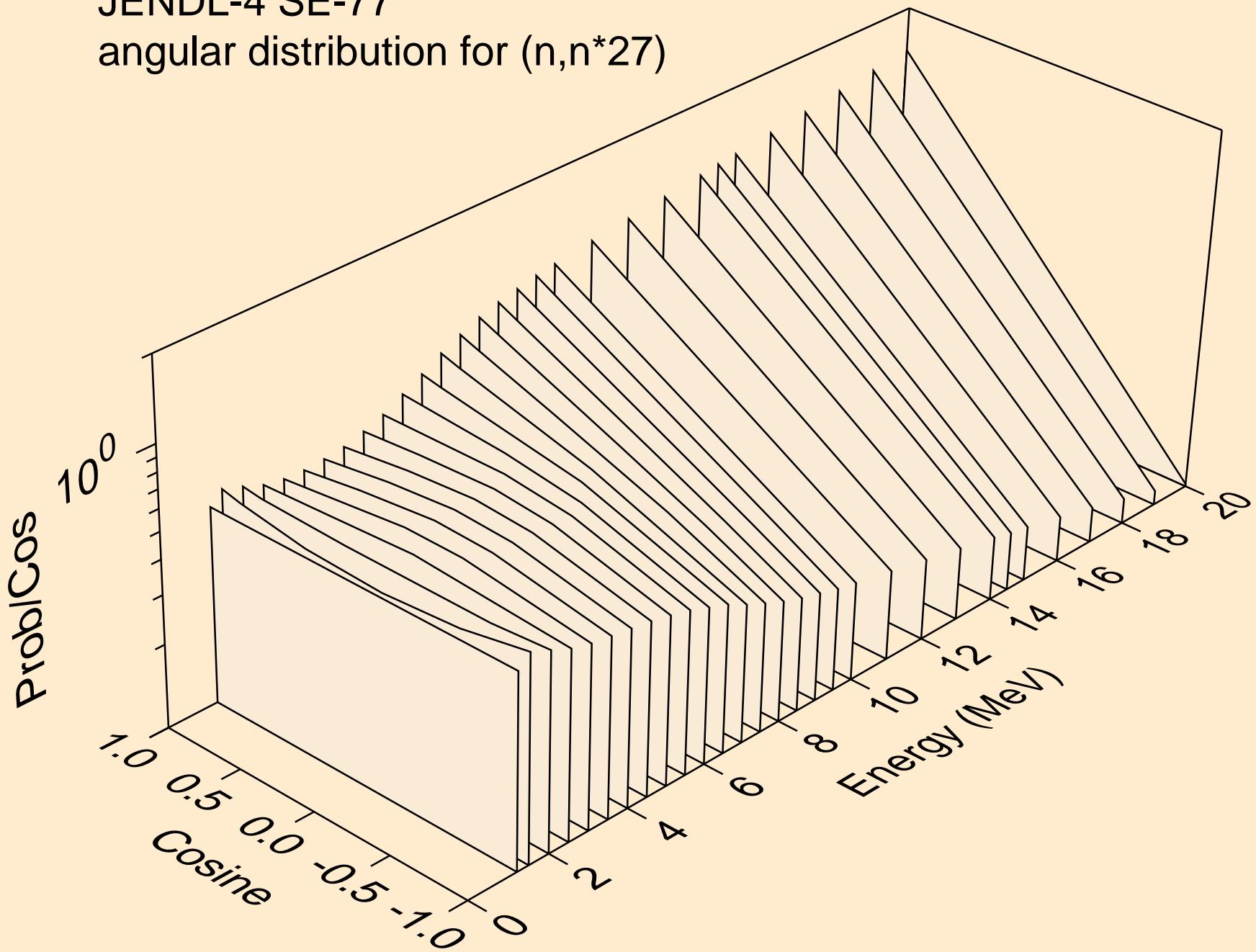
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angular distribution for  $(n,n^*25)$



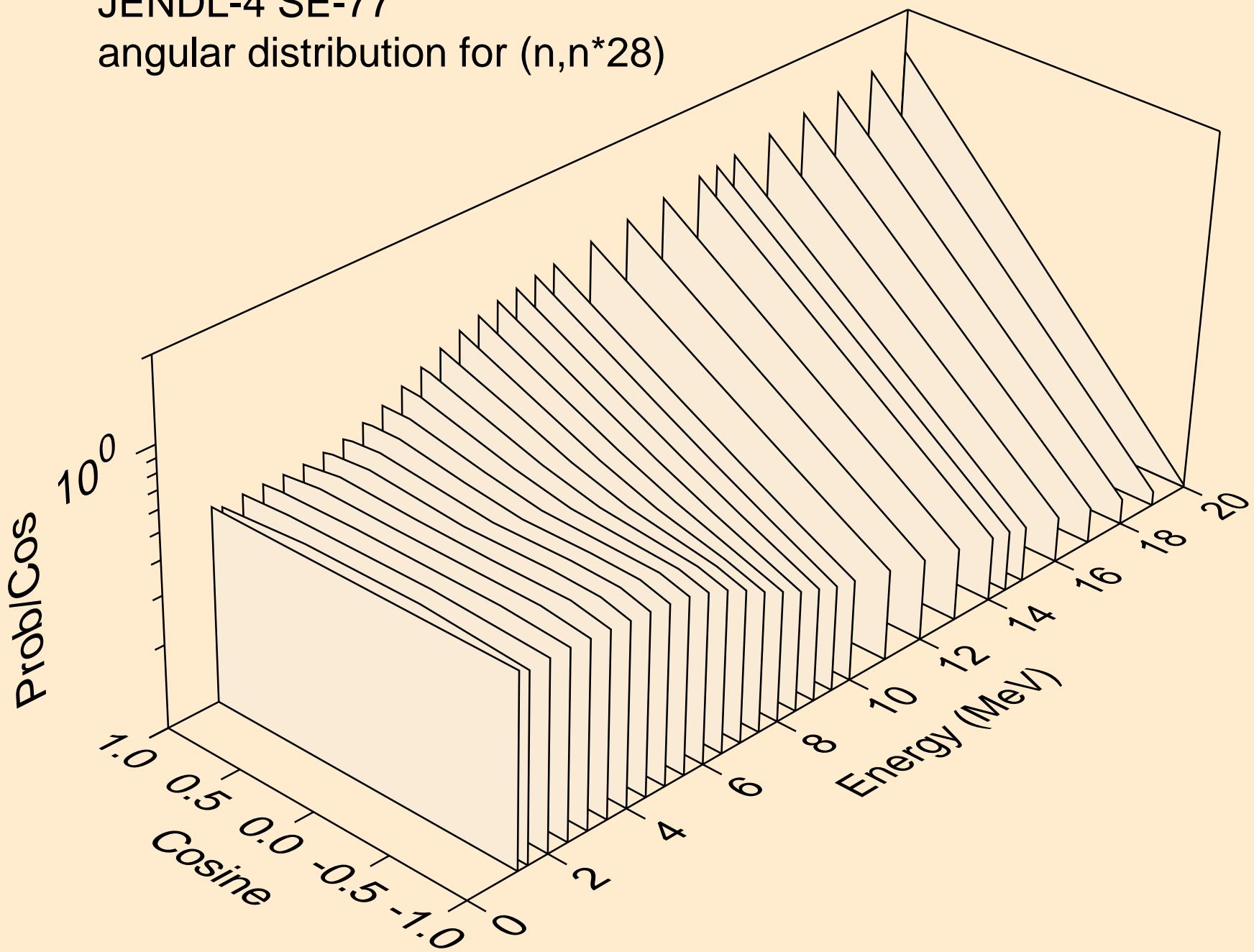
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angular distribution for  $(n,n^*26)$



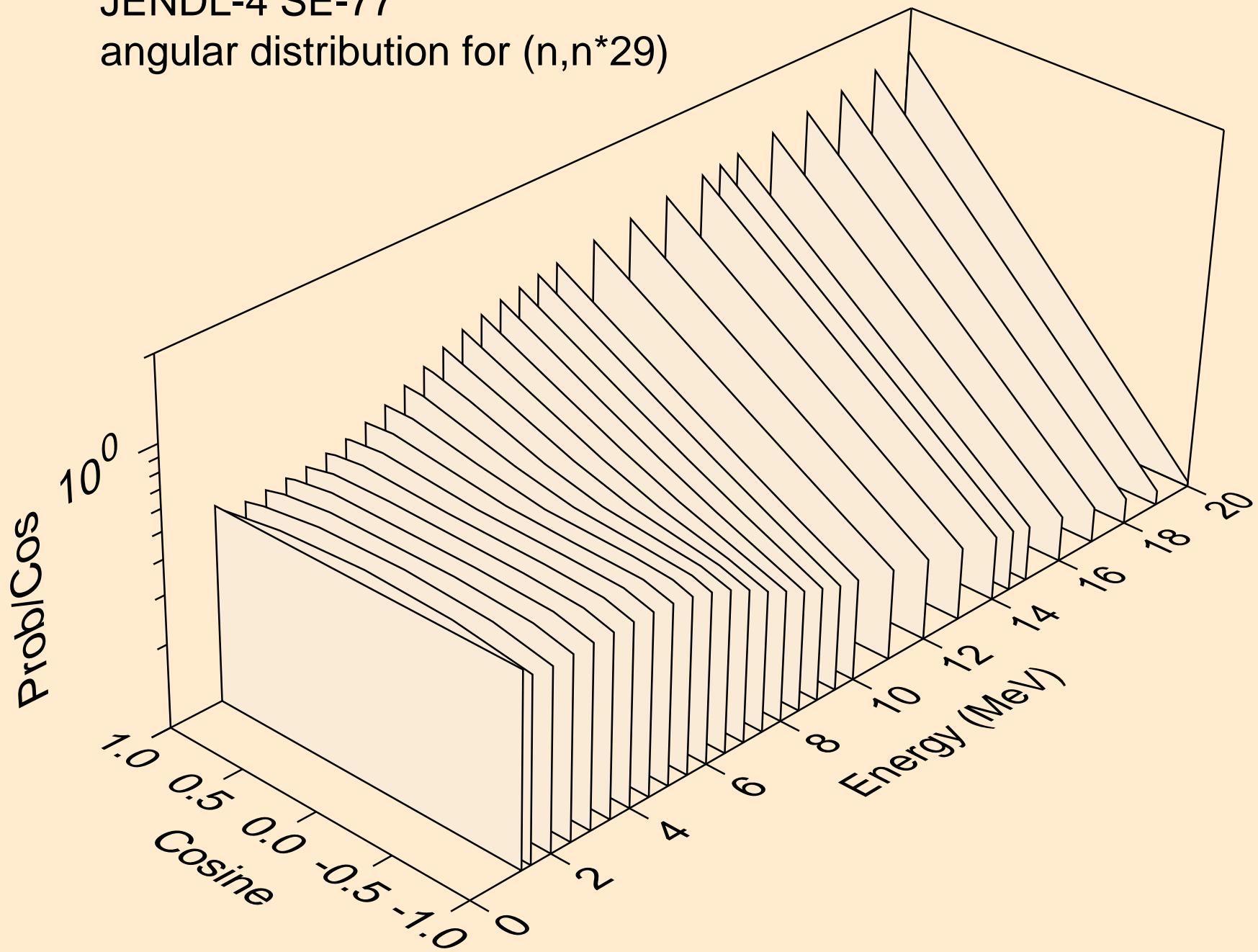
JENDL-4 SE-77  
angular distribution for  $(n,n^*27)$



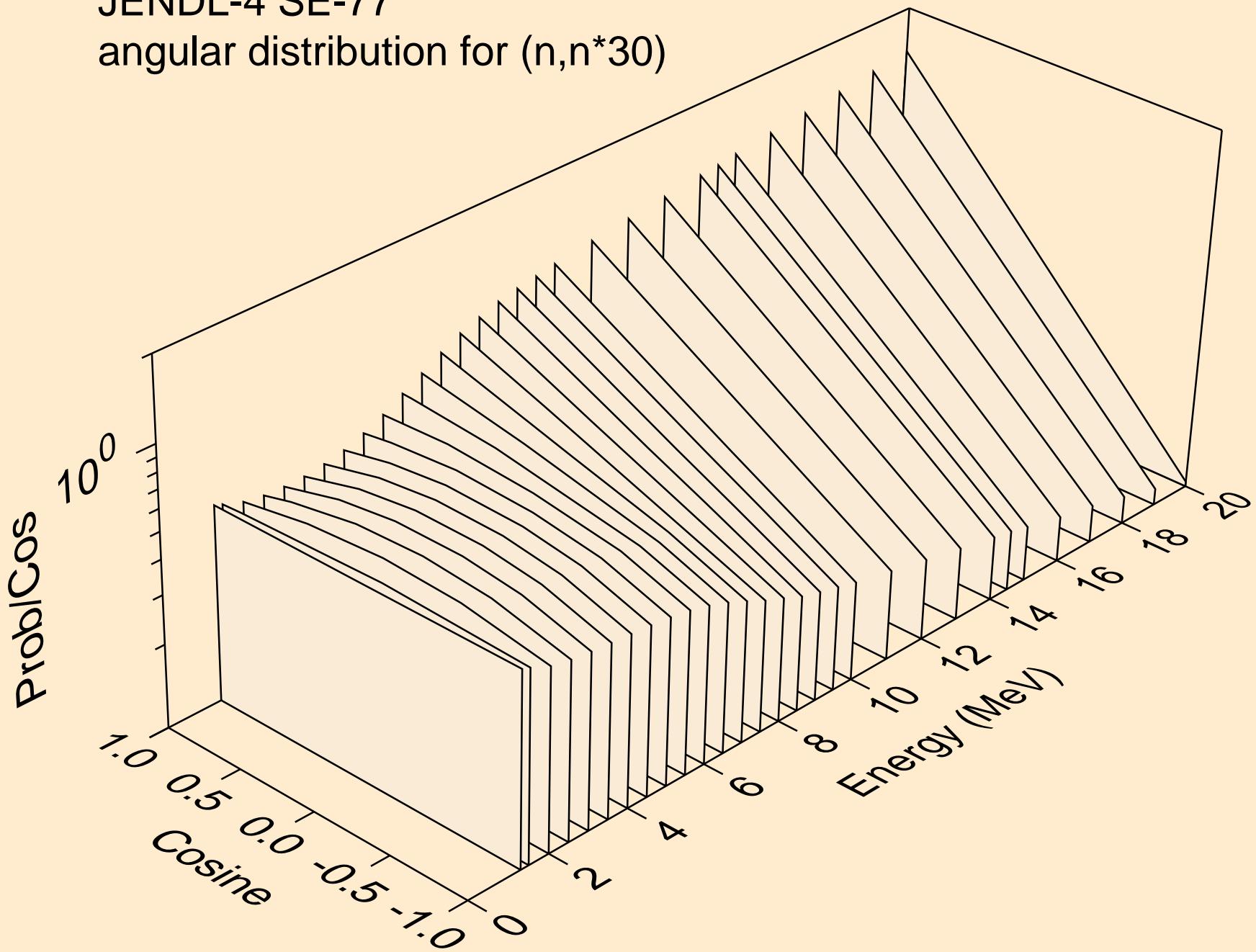
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angular distribution for  $(n,n^*28)$



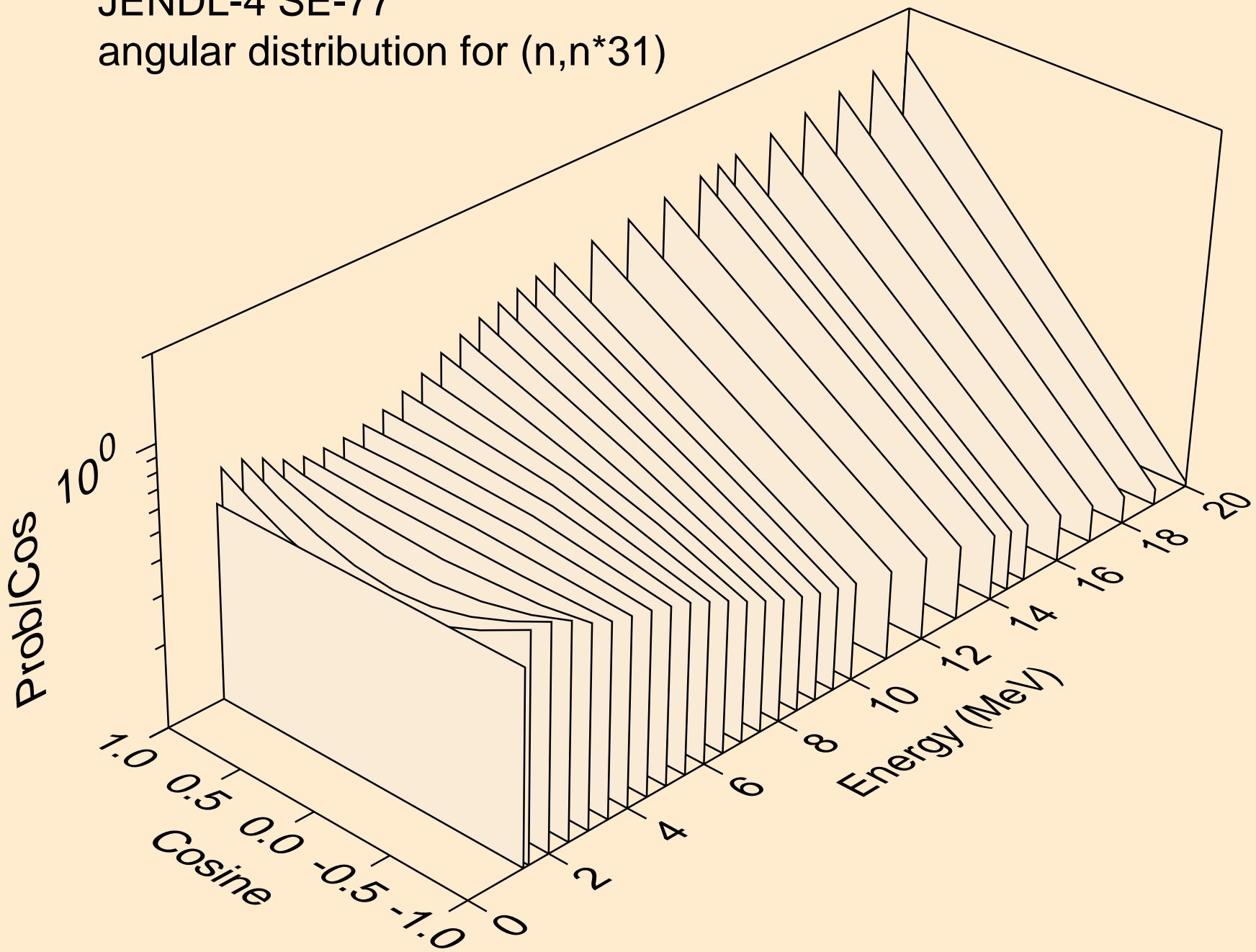
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angular distribution for  $(n,n^*29)$



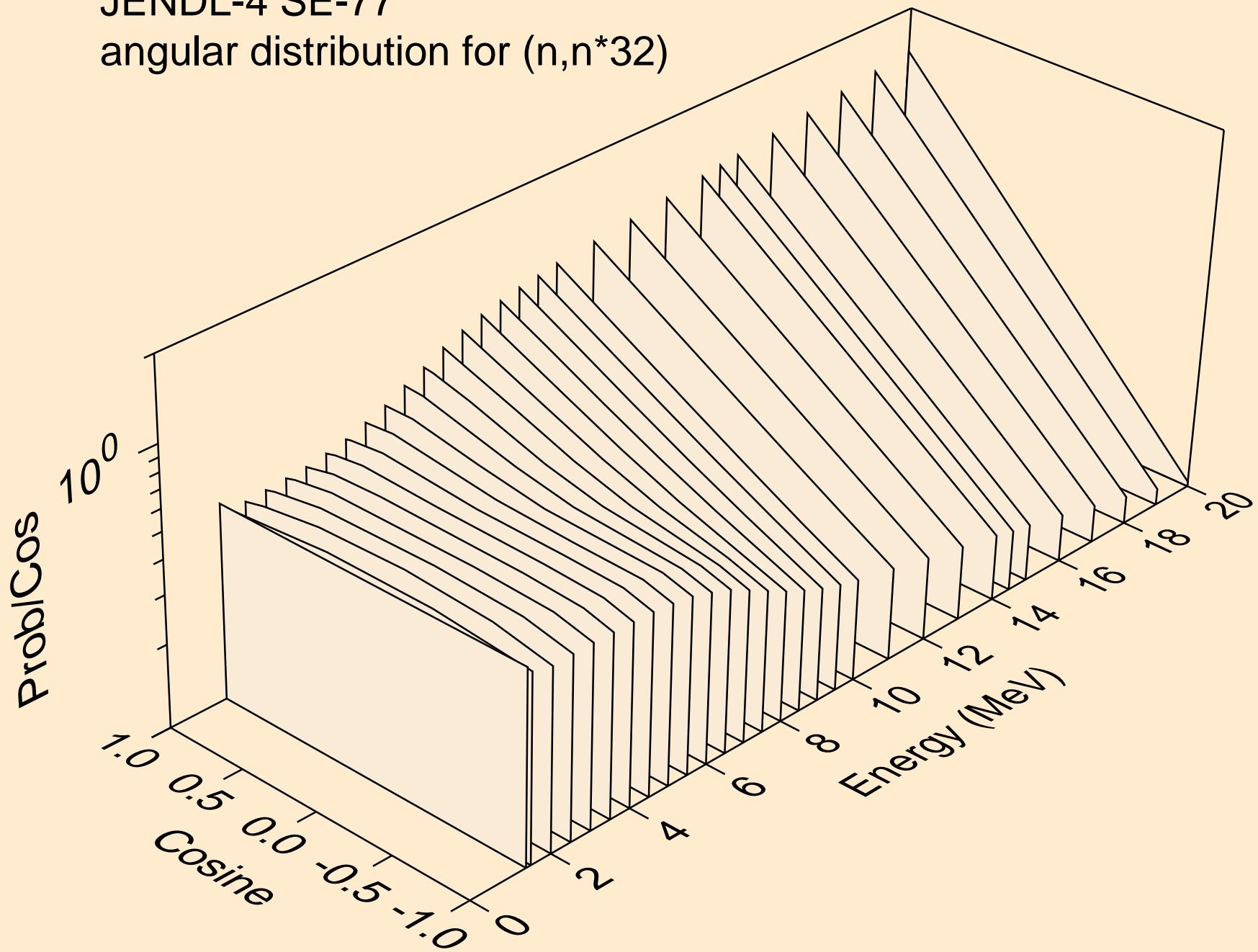
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angular distribution for  $(n,n^*30)$



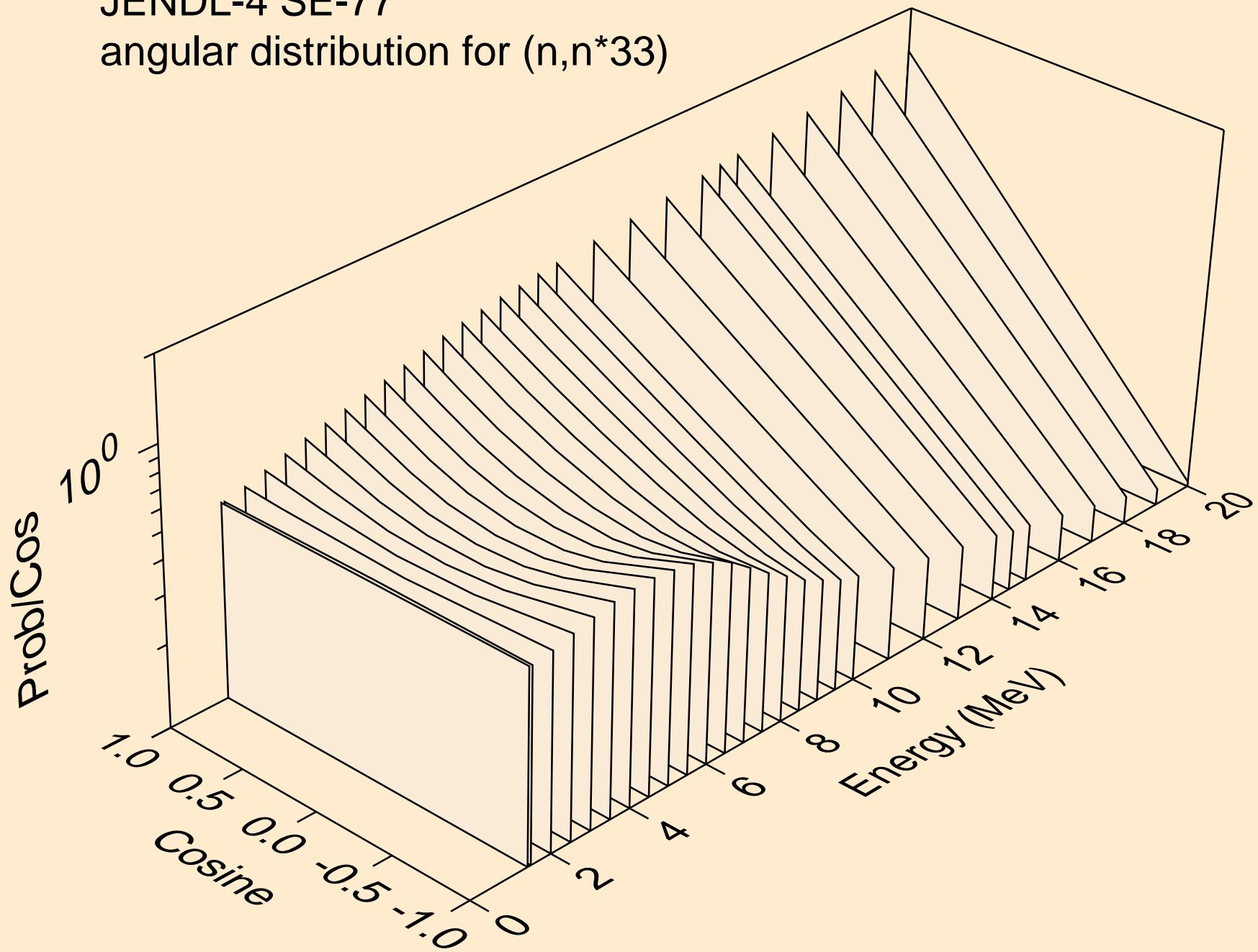
JENDL-4 SE-77  
angular distribution for  $(n,n^*31)$



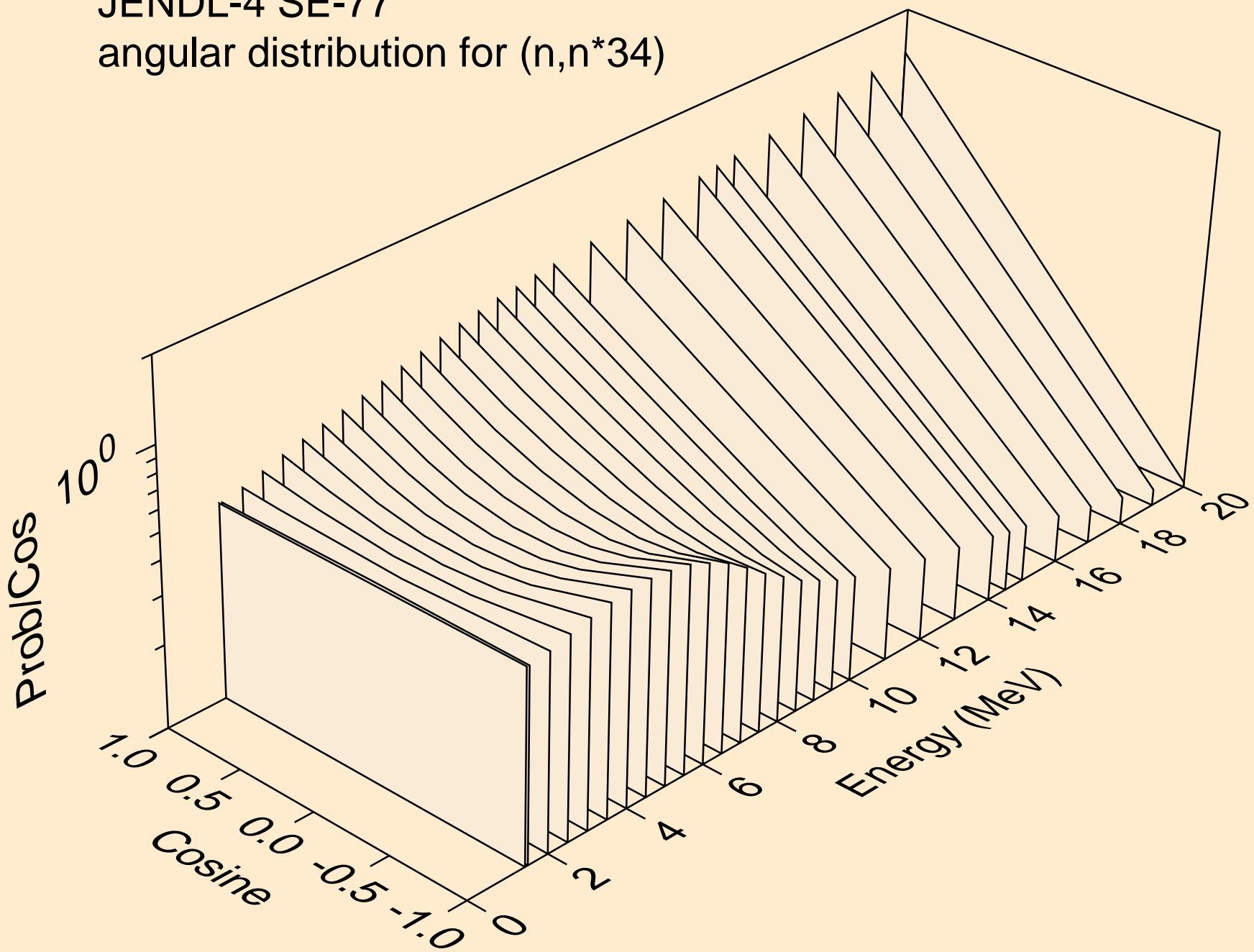
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angular distribution for  $(n,n^*32)$



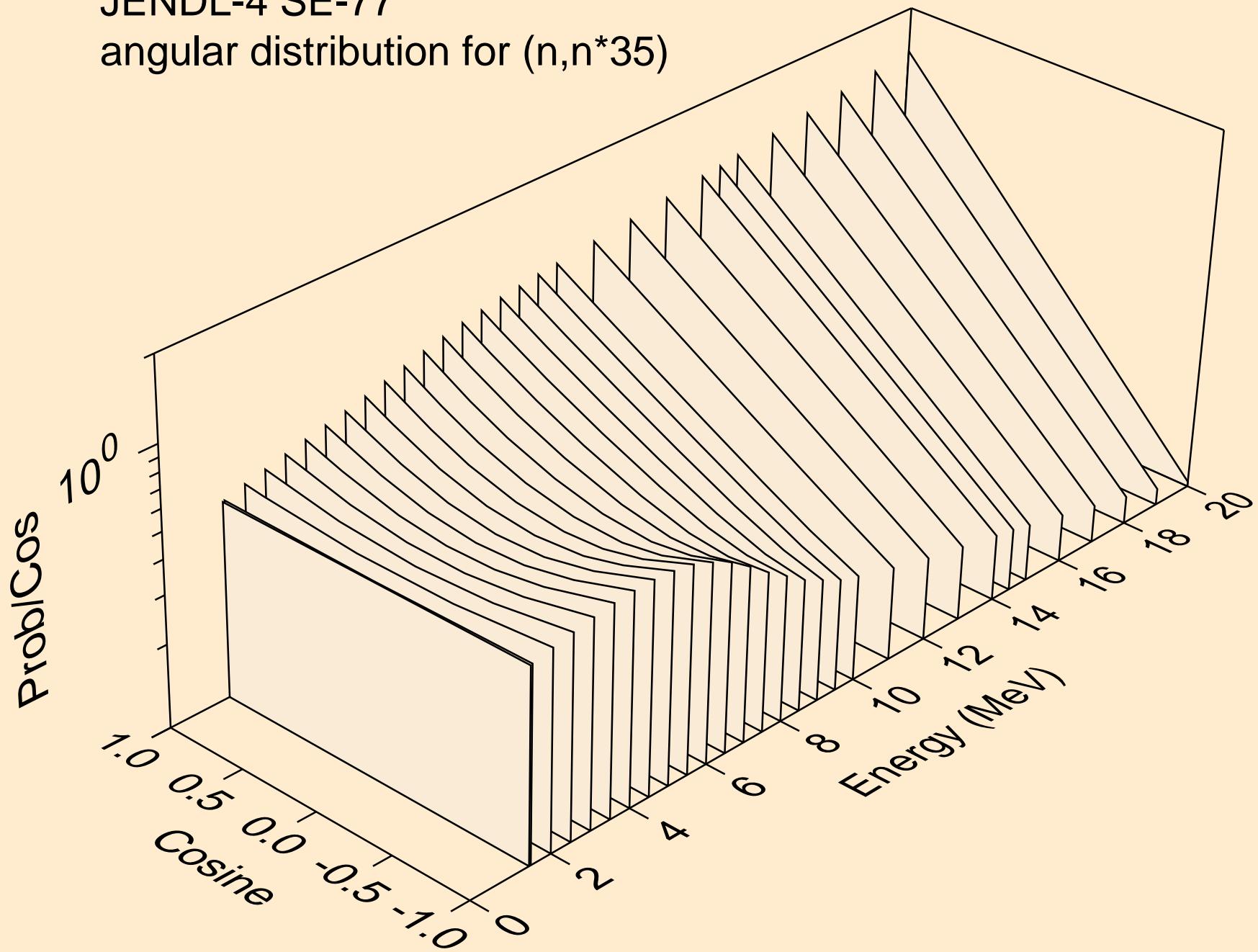
JENDL-4 SE-77  
angular distribution for  $(n,n^*33)$



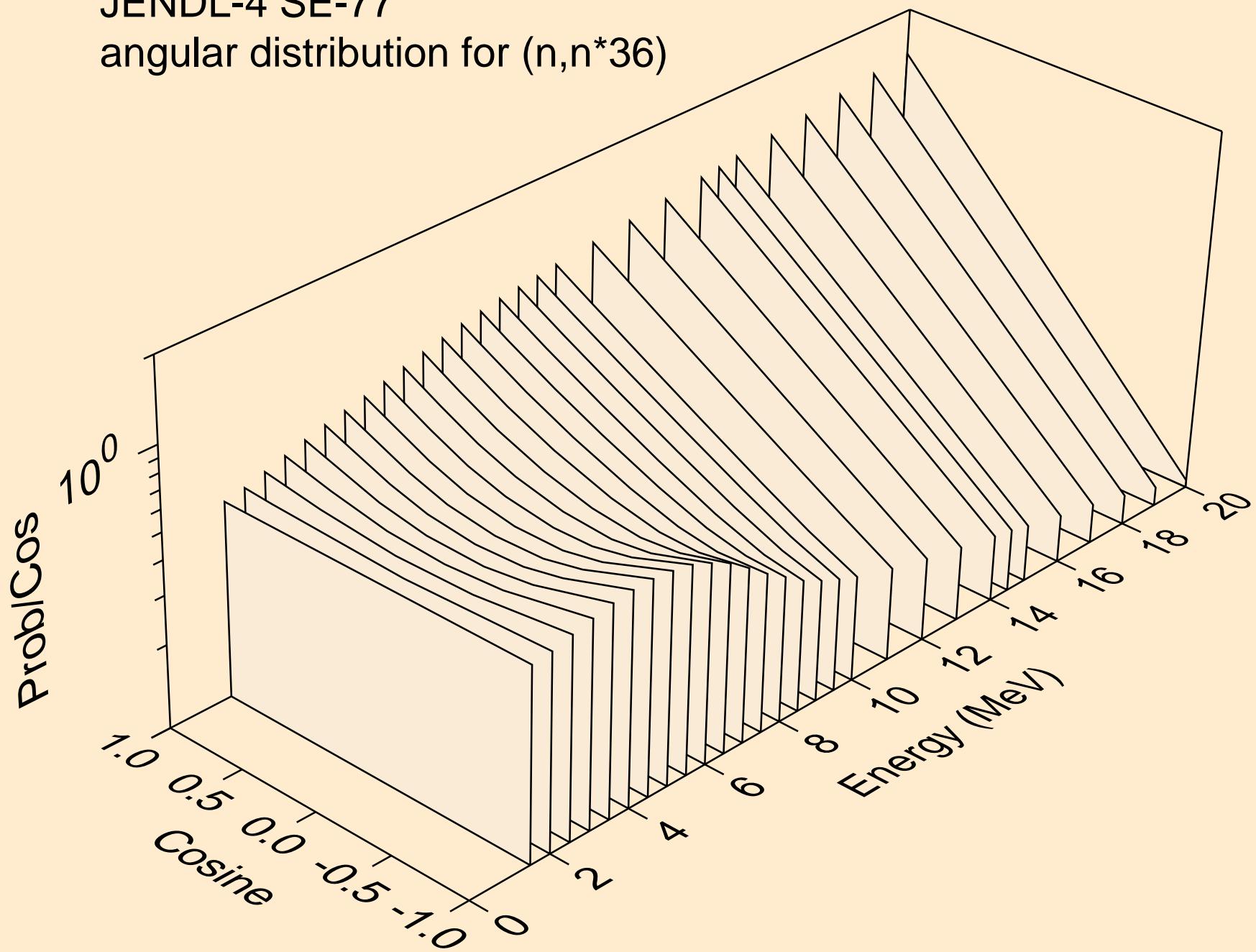
JENDL-4 SE-77  
angular distribution for  $(n,n^*34)$



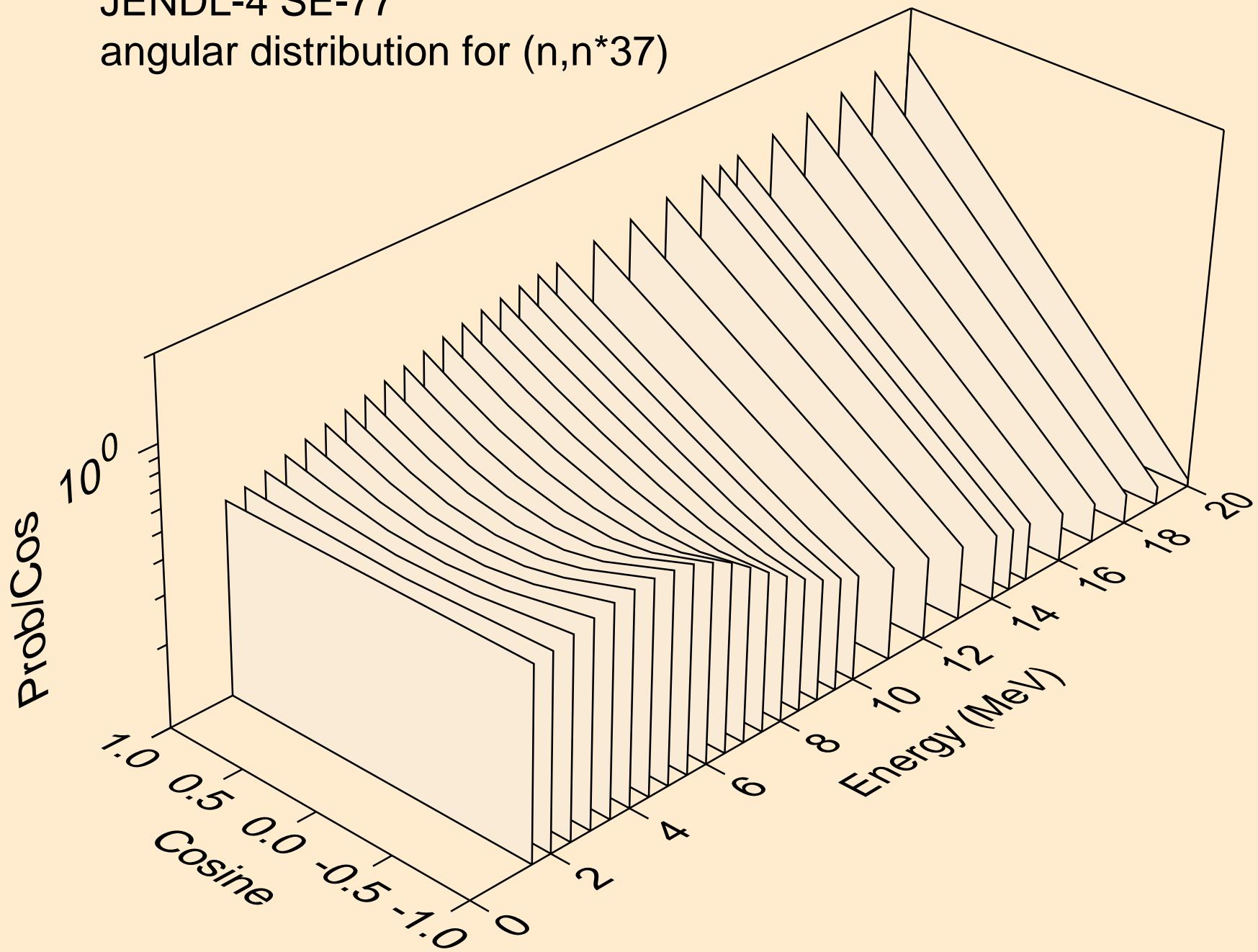
JENDL-4 SE-77  
angular distribution for  $(n,n^*35)$



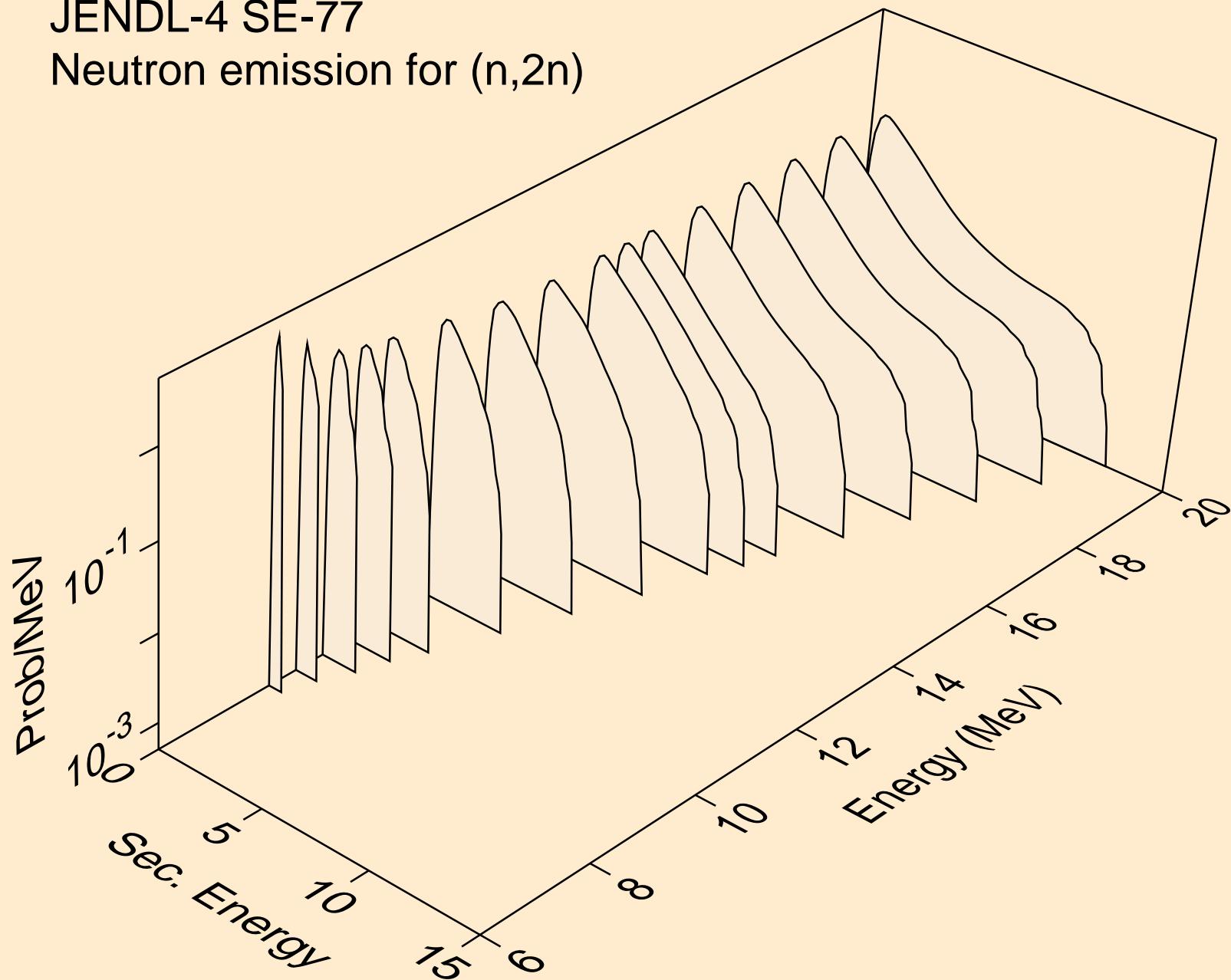
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angular distribution for  $(n,n^*36)$



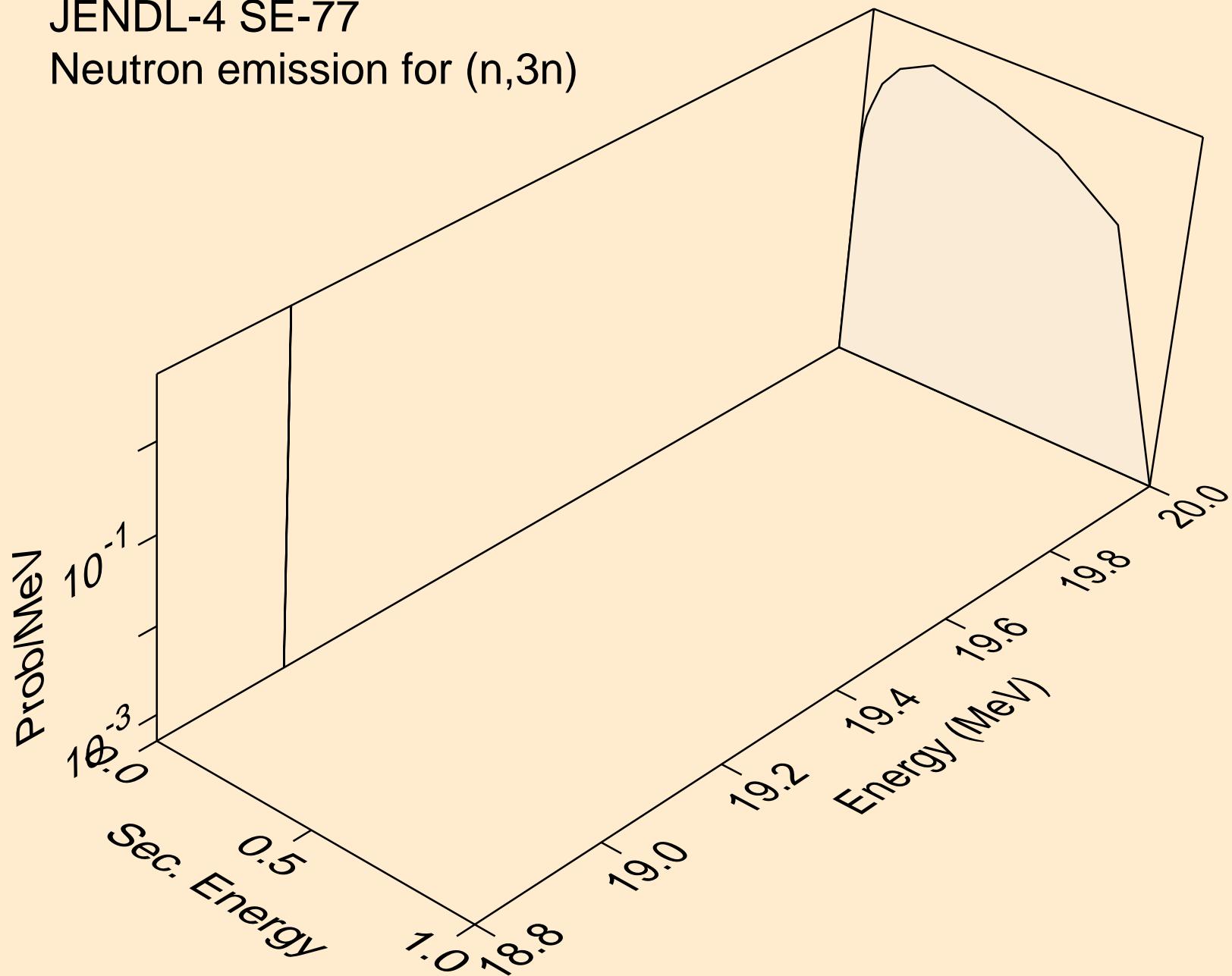
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angular distribution for  $(n,n^*37)$



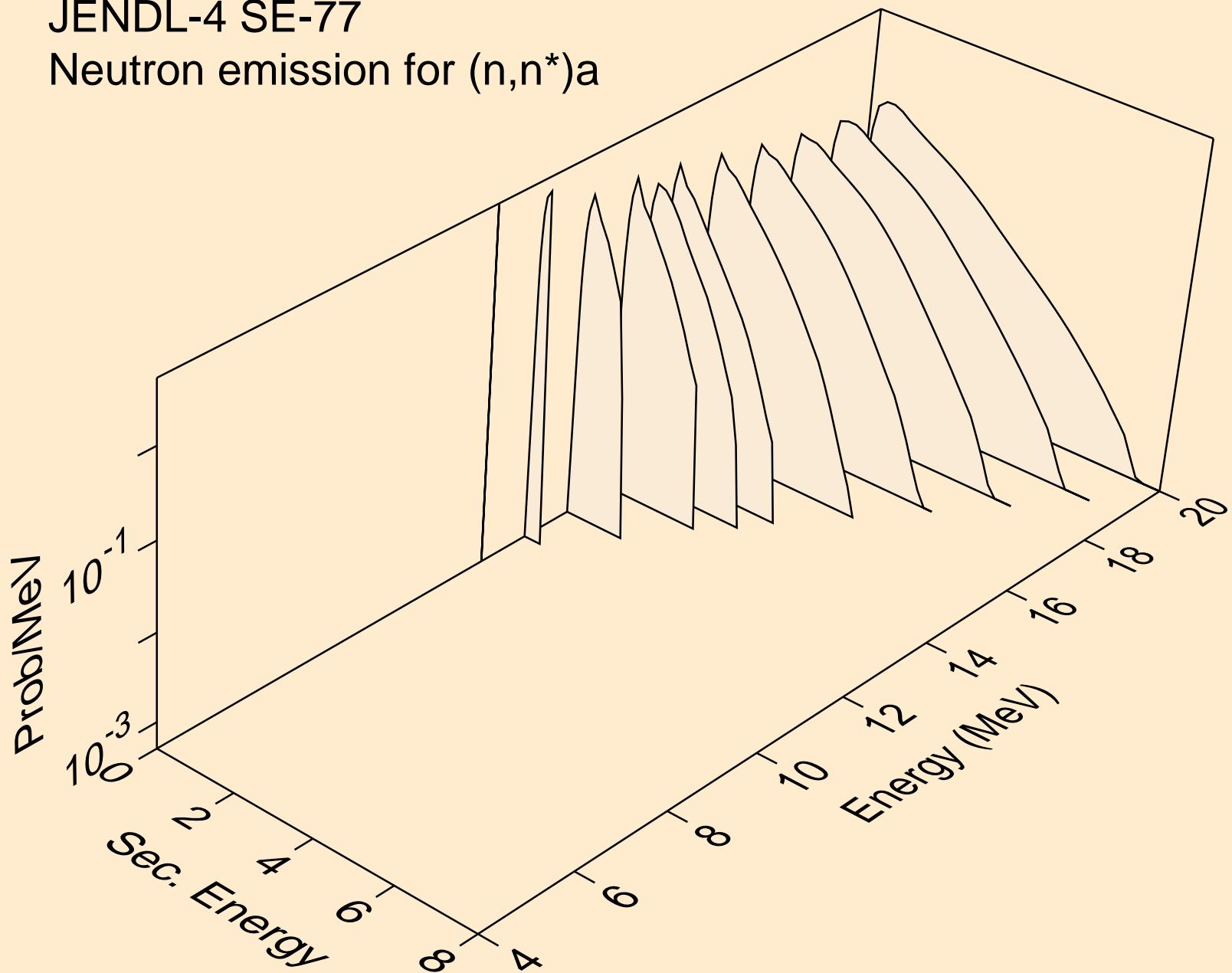
JENDL-4 SE-77  
Neutron emission for  $(n,2n)$



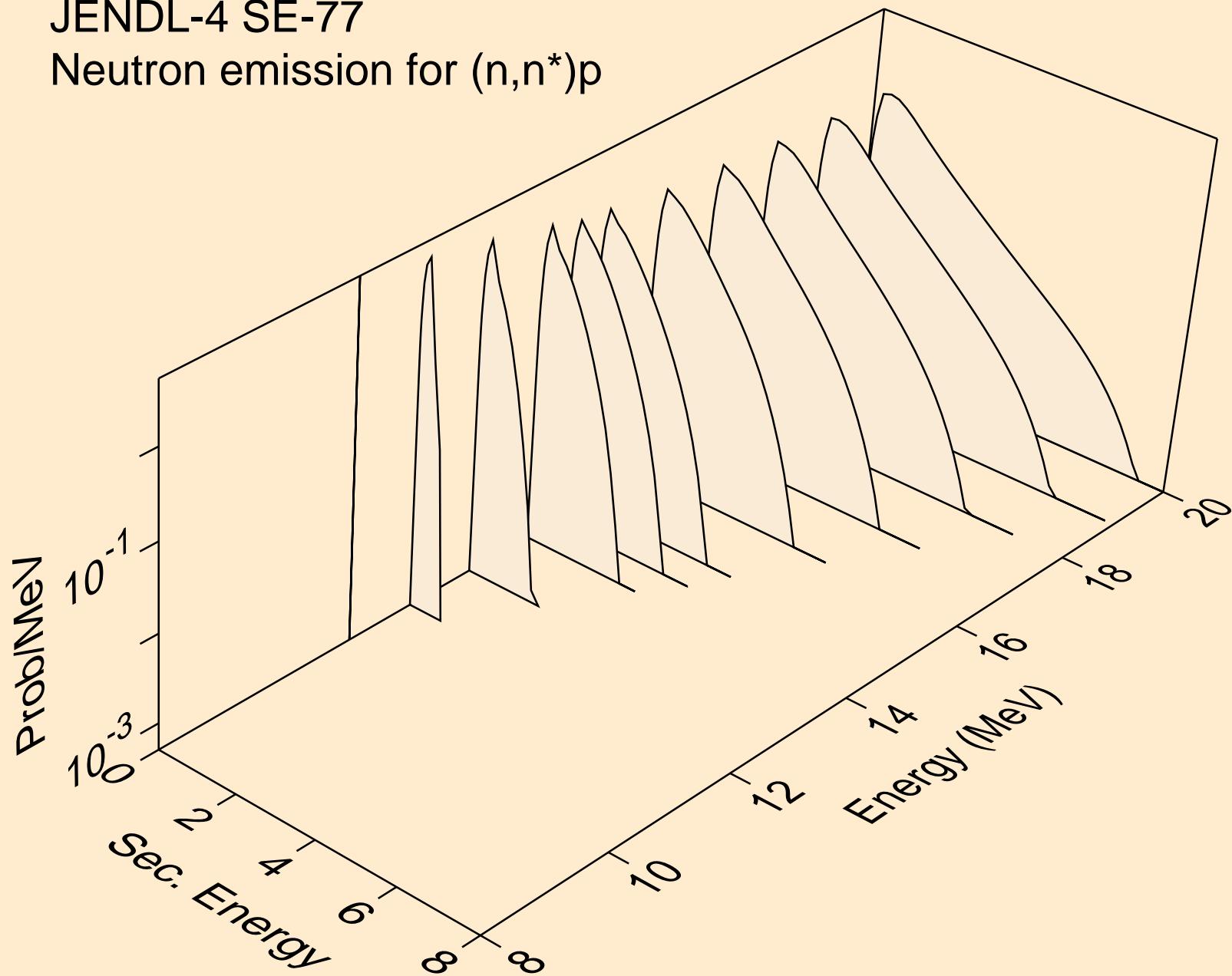
JENDL-4 SE-77  
Neutron emission for (n,3n)



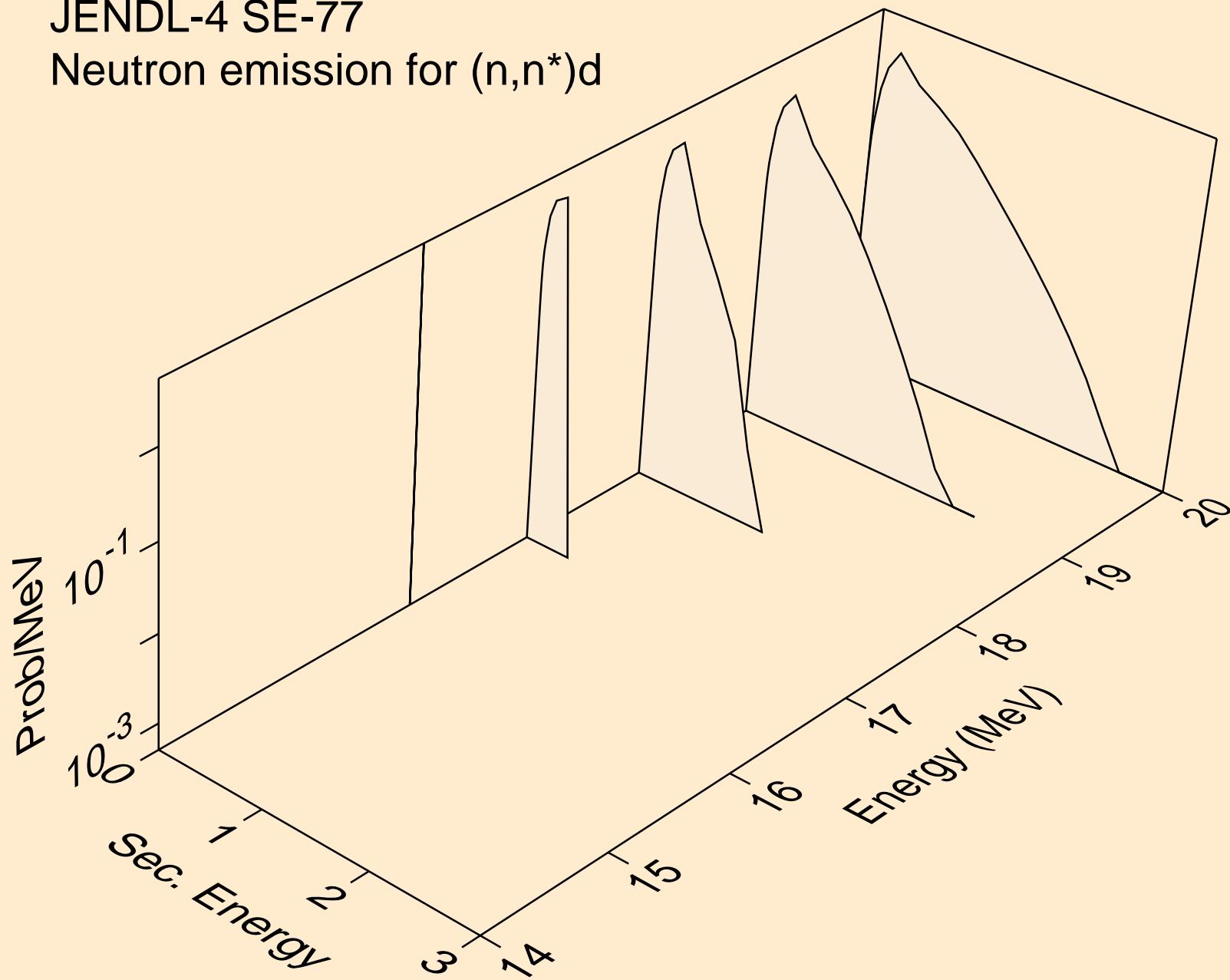
JENDL-4 SE-77  
Neutron emission for  $(n,n^*)a$



JENDL-4 SE-77  
Neutron emission for  $(n,n^*)p$

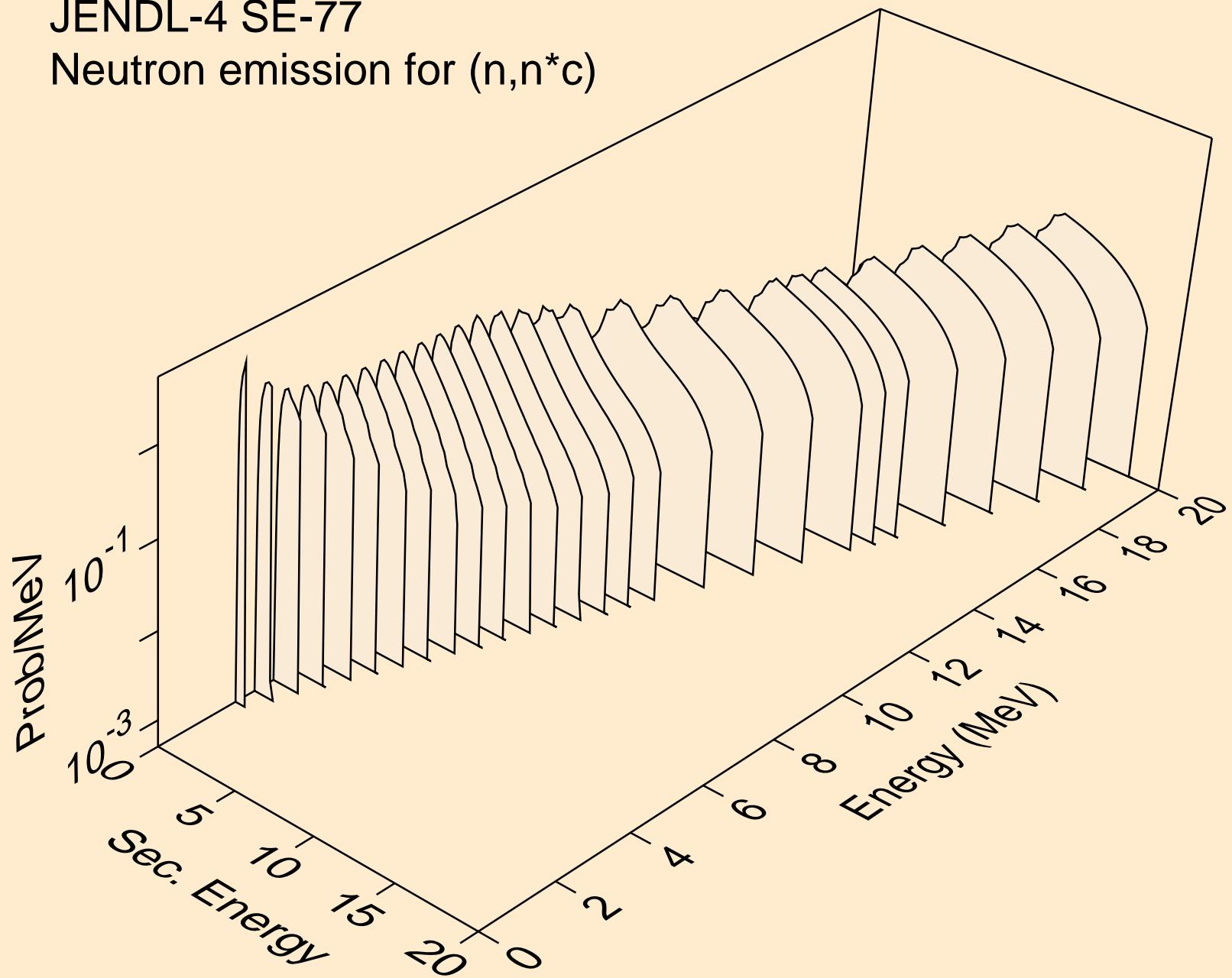


JENDL-4 SE-77  
Neutron emission for  $(n,n^*)d$

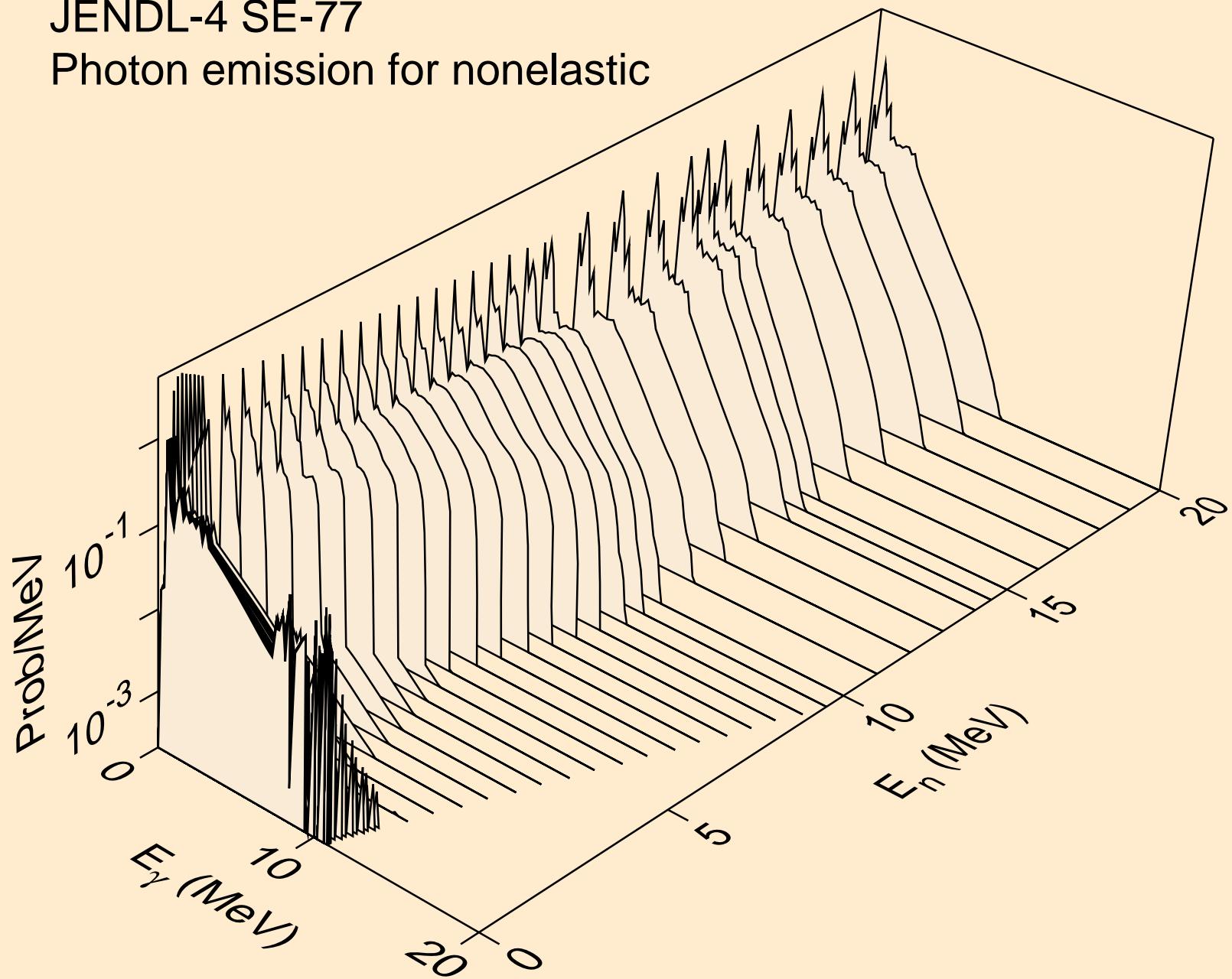


JENDL-4 SE-77

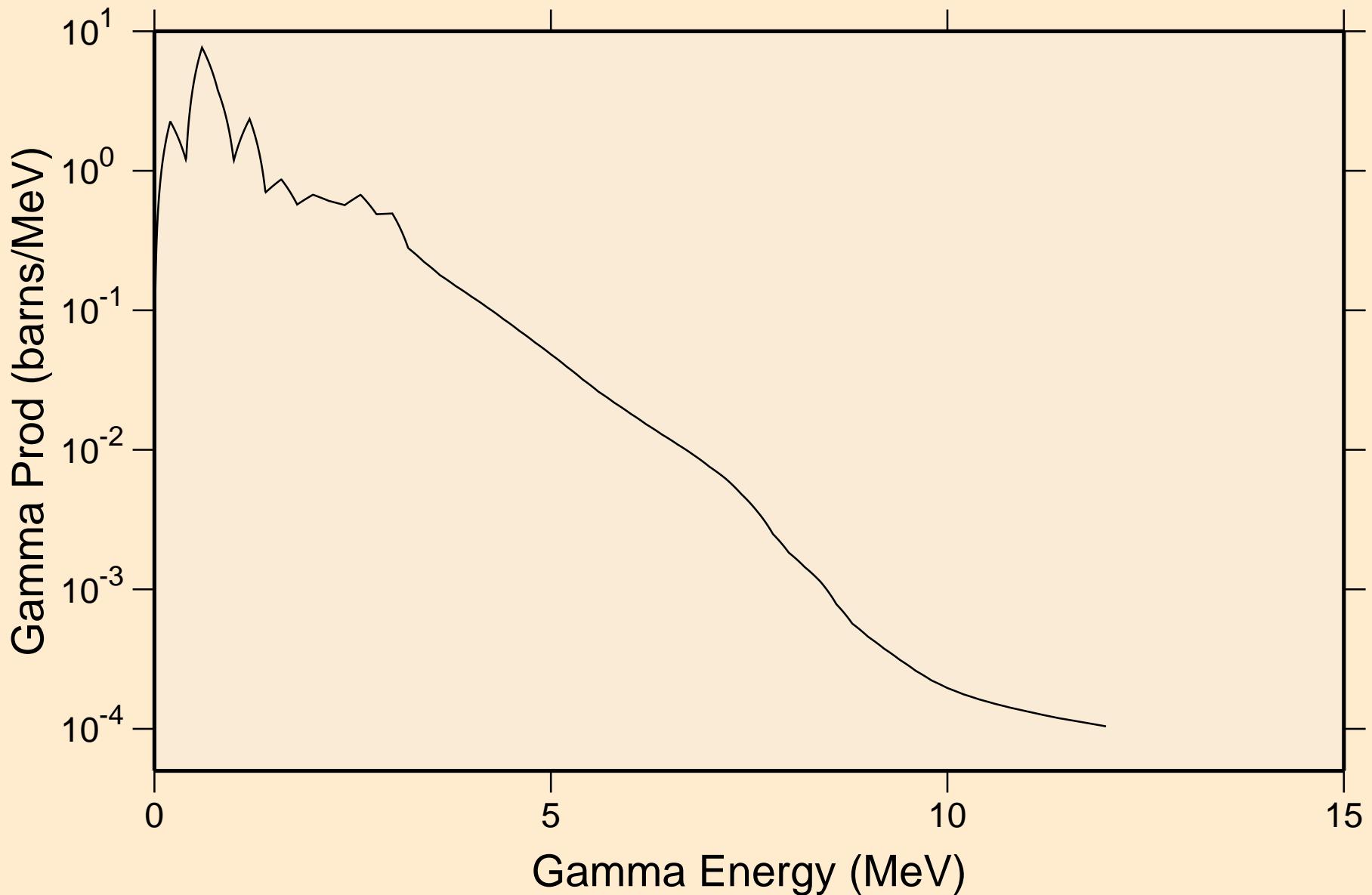
Neutron emission for  $(n, n^* c)$



JENDL-4 SE-77  
Photon emission for nonelastic

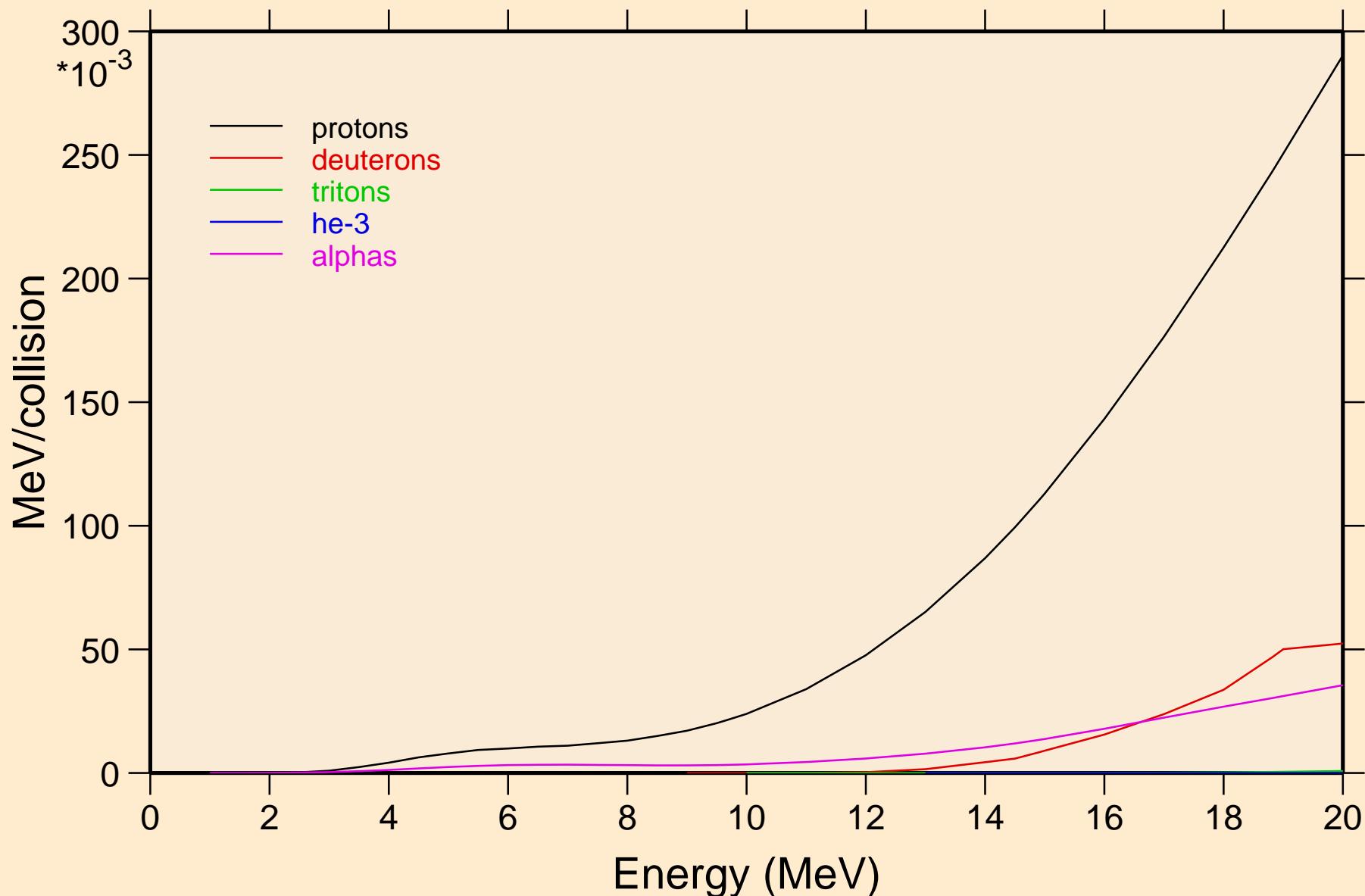


JENDL-4 SE-77  
14 MeV photon spectrum

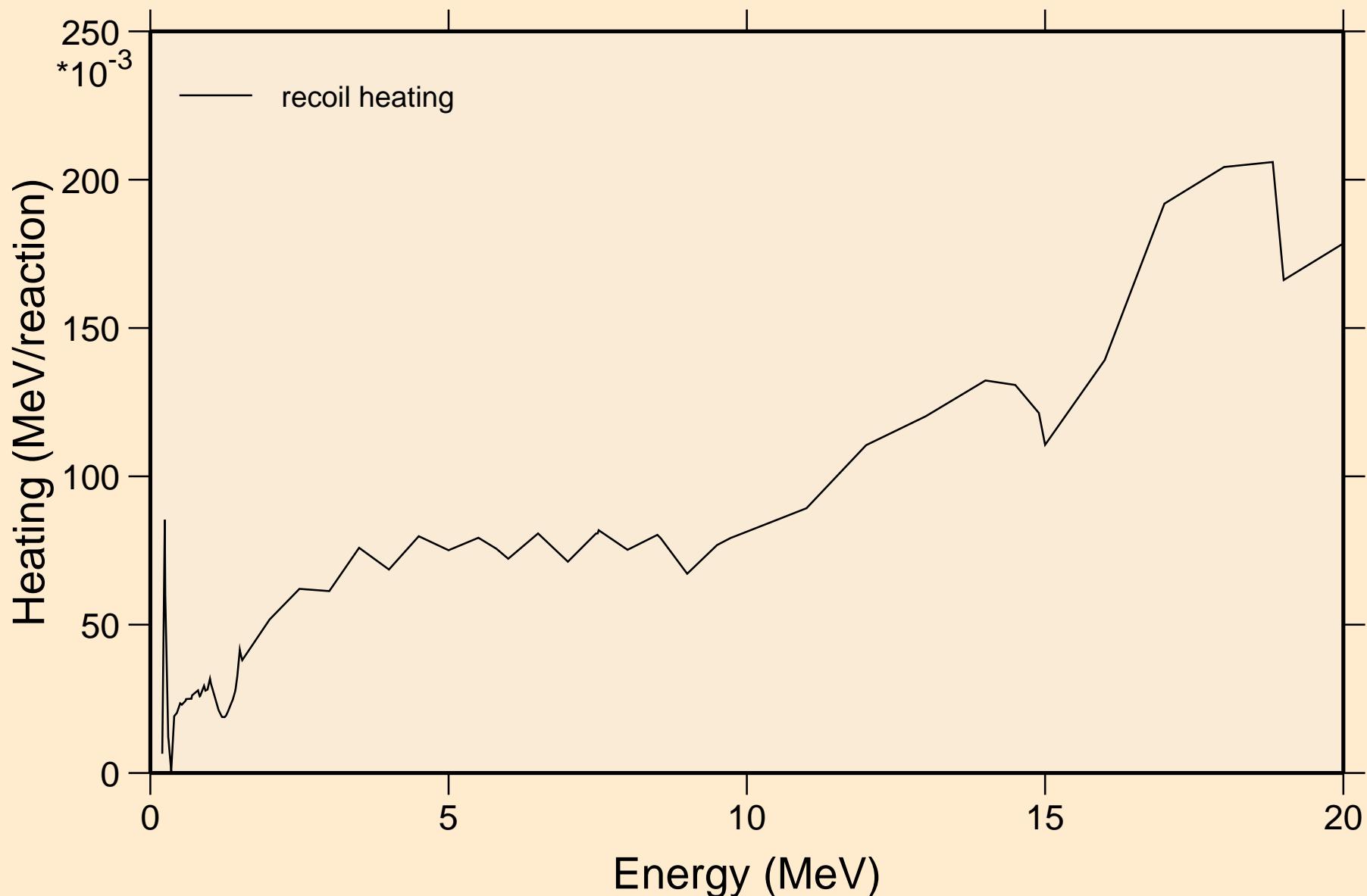


# JENDL-4 SE-77

## Particle heating contributions

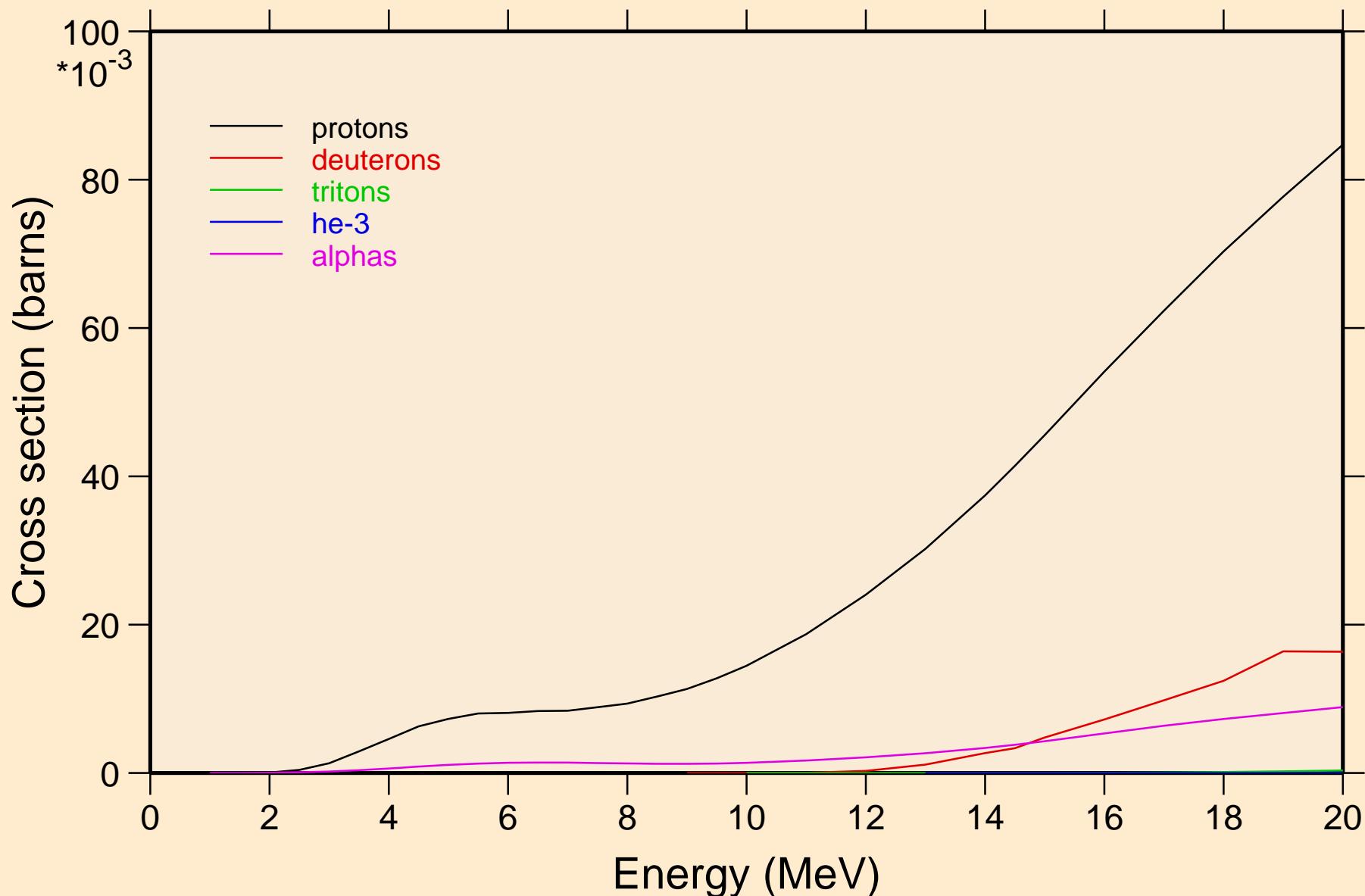


JENDL-4 SE-77  
Recoil Heating

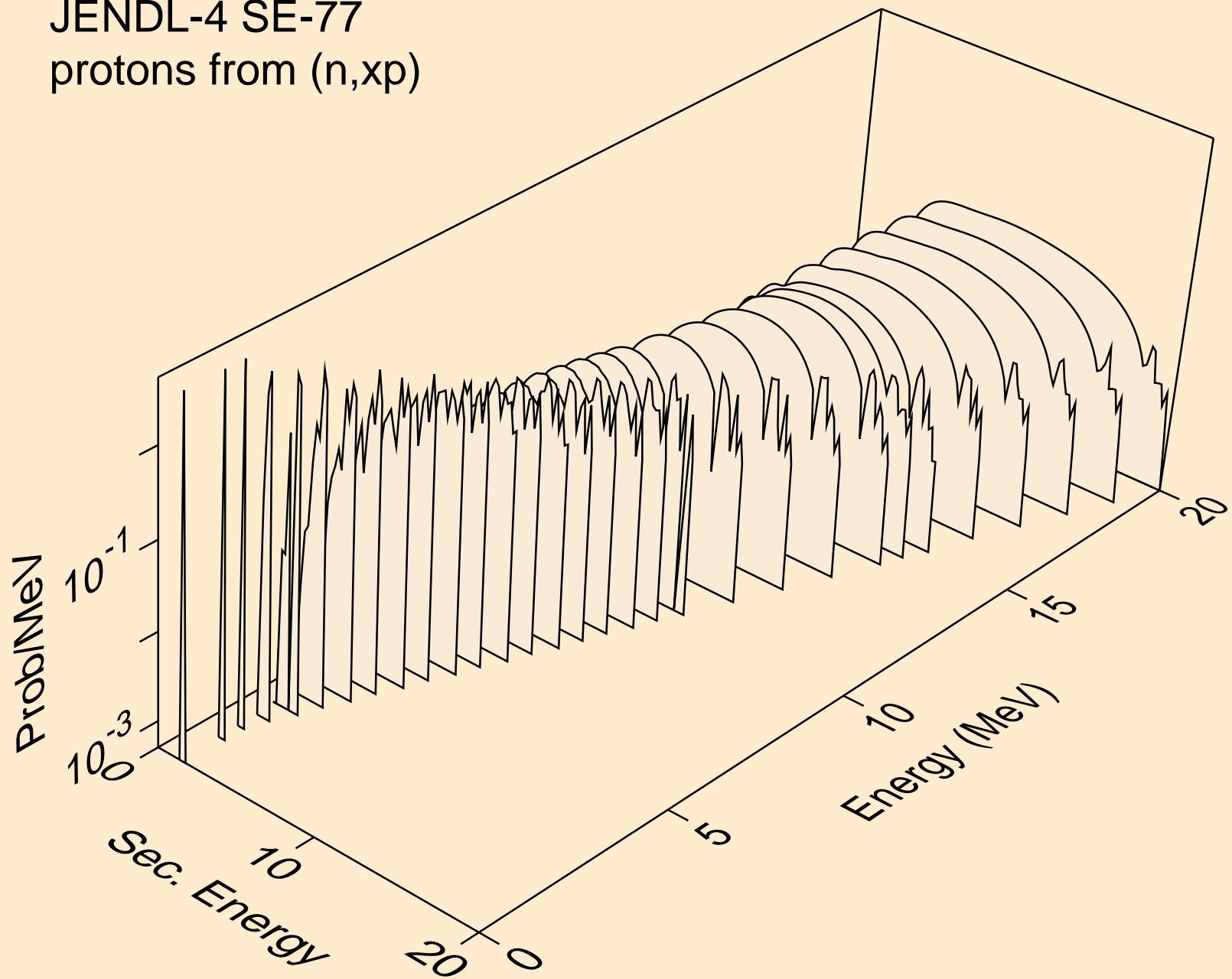


# JENDL-4 SE-77

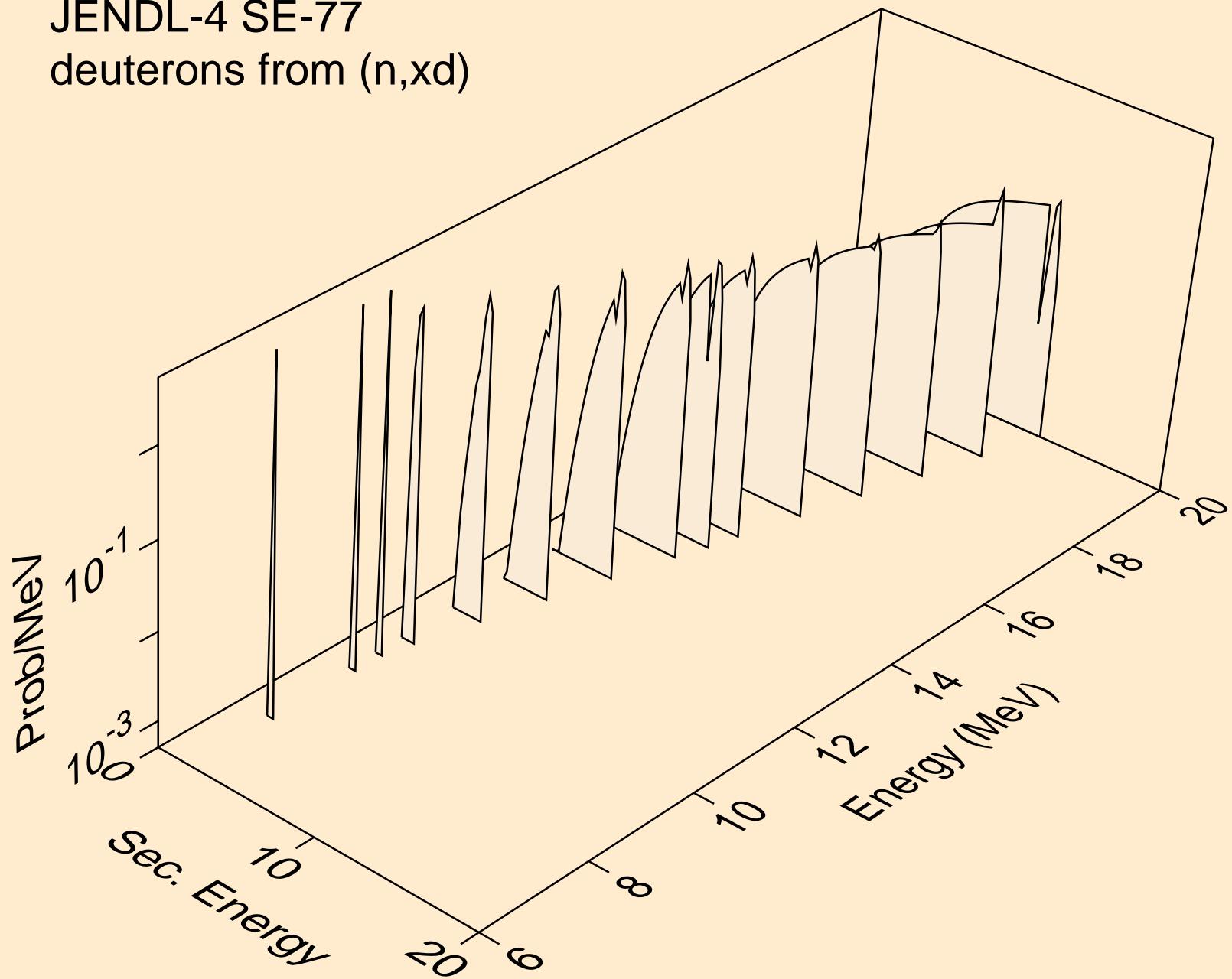
## Particle production cross sections



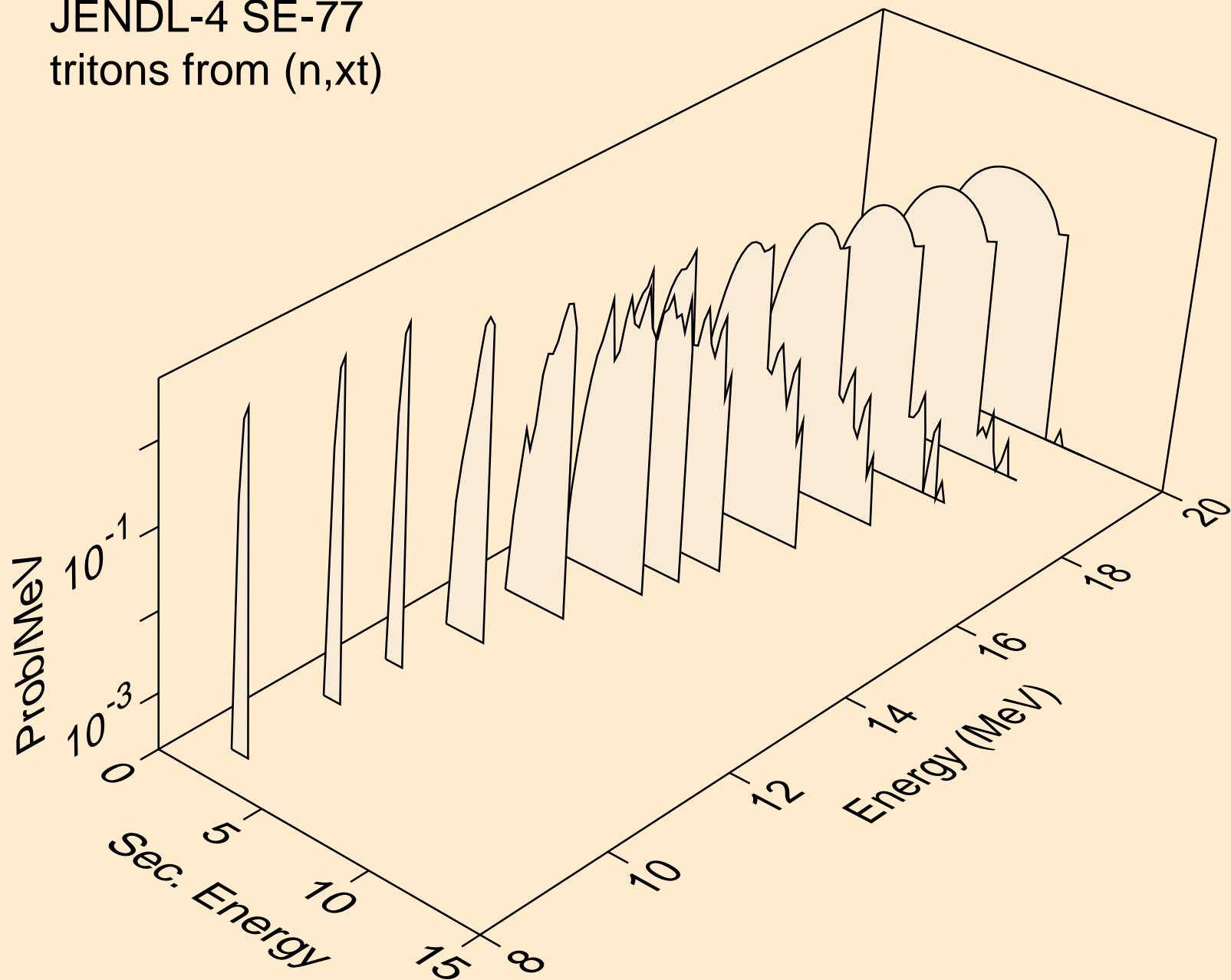
JENDL-4 SE-77  
protons from ( $n, xp$ )



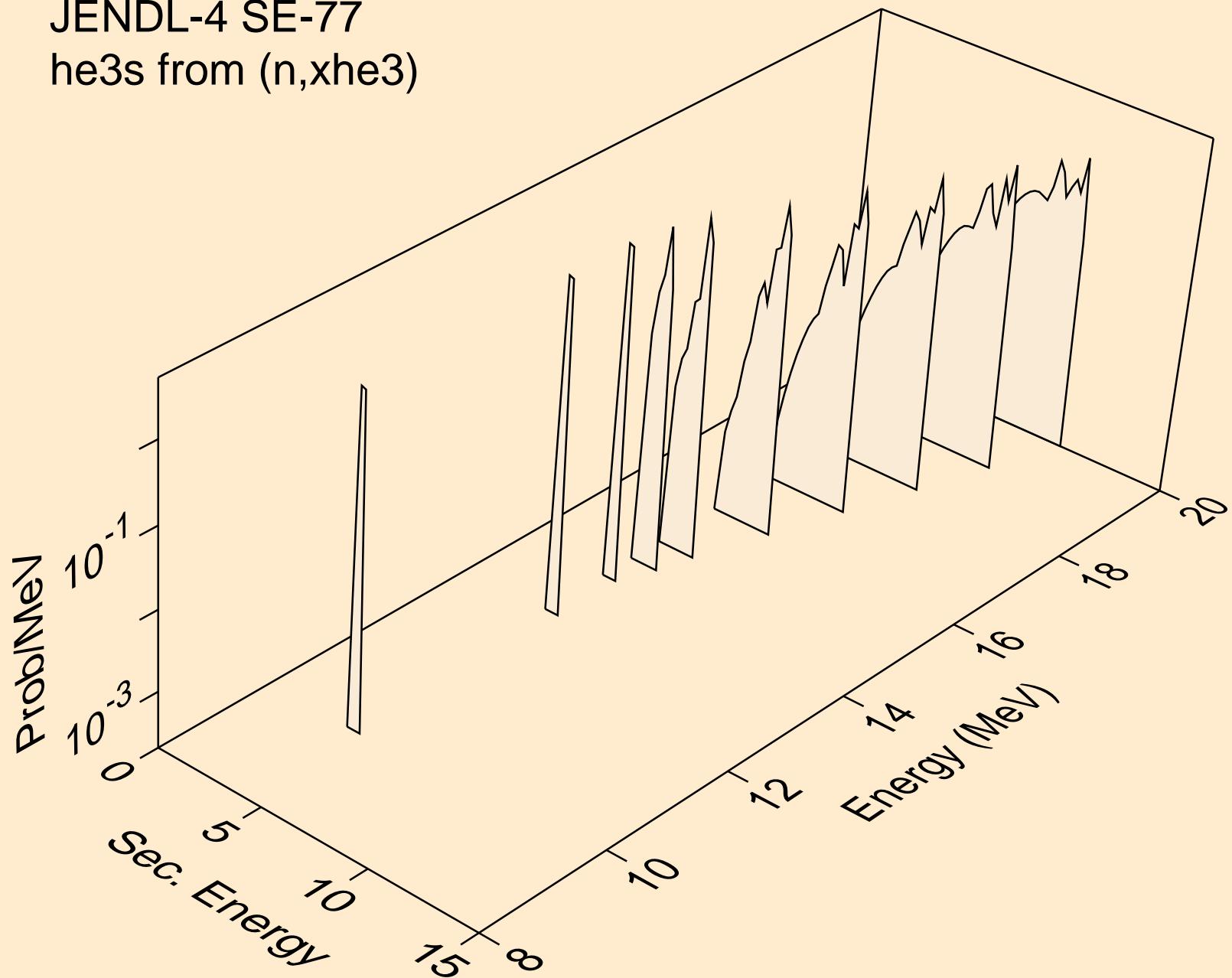
JENDL-4 SE-77  
deuterons from ( $n, xd$ )



JENDL-4 SE-77  
tritons from ( $n,xt$ )



JENDL-4 SE-77  
he3s from ( $n, x\text{he}3$ )



JENDL-4 SE-77  
alphas from (n,xa)

